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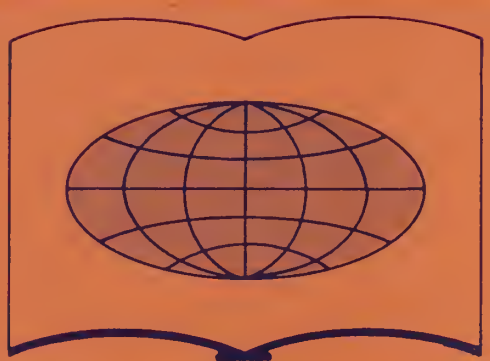

Volume 5 Number 18
September 5, 1969

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PESTICIDES DOCUMENTATION BULLETIN

Volume 5
September 5, 1969
Number 18

A Bi-Weekly Publication of U.S. Department of Agriculture

329830

OBJECTIVES AND SCOPE

The *Pesticides Documentation Bulletin* is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

10 Entomology
20 Crop Protection
30 Livestock Protection
40 Commodity Protection
50 Environmental Contamination
55 Residues
60 Toxicology
65 Plant Physiology & Biochemistry
70 Chemistry
80 Engineering
90 Industry

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

Subject Index: Subject descriptors appear in the index followed by title arranged numerically by accession number. The Agricultural/Biological Vocabulary developed by the National Agricultural Library is used as a basic thesaurus of descriptors.

Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

Author Index: Names of personal authors are arranged alphabetically, followed by accession numbers of pertinent citations.

Organizational Index: Names of corporate authors or sponsoring organizations are arranged alphabetically followed by accession numbers of pertinent citations.

Other Files

In addition to the citations contained in the Bulletin, the Pesticides Information Center maintains two other files, the INTREDIS Register and the Herbicides Data File.

The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

Compound Tested
Company furnishing the compound
Author or Investigator
Test Sponsor
Date
Location
Mode of Application
Rates of Application
Soil Types
Carriers
Crops or Weeds tested with phytotoxicity ratings
Associated documentation

Note: Items subject to proprietory restriction will be suppressed when appropriate.

AVAILABILITY OF REFERENCES CITED

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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

PLEASE GIVE COMPLETE BIBLIOGRAPHIC INFORMATION AS IT APPEARS IN THIS PUBLICATION FOR EACH ITEM REQUESTED.

This publication reports research involving pesticides. It does not contain recommendations for their use, nor does it imply that the uses discussed here have been registered. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

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*This issue does not contain citations under this category.

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ENTOMOLOGY

SYSTEMATICS

10487-69
ORTHOPTEROID INSECTS OF EAST NEPAL.
G Ya Bey-Biycnko
Entomol Rev 47(1,JAN-MAR):59-72 REF
Mar 1968 421 R322AE
Catalogs, Insect ecology, Insect geography, Insect taxonomy, Orthoptera.

10488-69
NEW SPECIES OF GARGARA LIVING ON COLA AND COCOA TREES IN CENTRAL AFRICA. (FR)
M. Boulard
Cafe Cacao 12(3,JUL-SEP):236-239
1968 68.8 C112
Cocoa, Cola nuts, Gargara, Insect ecology, Insect identification, Insect pests, Insect taxonomy, Membracidae, Zoogeography. English, German, and Spanish summaries. Two new species are described: G. chichonettae and G. lullae.

10489-69
CULICOIDES MARCLETI N. SP. AND NEW IDENTIFICATIONS OF CULICOIDES (DIPTERA, CERATOPOGONIDAE) OF THE MEDITERRANEAN REGION AND ESPECIALLY OF ALGERIA. (FR)
J Callot M Kremer M Basset
Soc Pathol Exot Bull 61(2 MAR-APR):271-282
1968 448.9 SO13
Ceratopogonidae, Culicoides, Insect identification, Insect taxonomy, Zoogeography. Seven other species of Culicoides are identified.

10490-69
RHIZOTROGUS MACULICOLLIS VILLA (COLEOPTERA, SCARABAEIDAE) A NEW SPECIES FOR CZECHOSLOVAKIA. (CZ)
J Cech
Acta Ent Bohemoslov 63(3):240
1966 420 C33
Insect taxonomy, Rhizotrogus maculicollis, Scarabaeidae, Zoogeography. English summary.

10491-69
MITES OF THE FAMILY RHINONYSSIDAE (PARASITIFORMES) PARASITES IN THE NASAL CAVITY OF BIRDS OF THE GENUS LANIUS L. FROM RUMANIA. (FR)
Z Feider I Mironescu
Folia Parasitol 16(1):19-39
1969 436.8 C33
Acarina, Birds, Insect taxonomy. English abstract.

10492-69
A NEW SPECIES OF ARENIVAGA FROM DESERT SAND DUNES IN SOUTHERN CALIFORNIA (DICTYOPTERA: POLYPHAGIDAE).
J J Friauf E B Edney
Entomol Soc Wash Proc 71(1):1-7
Mar 1969 420 W27
Blattidae, Dunes, Insect taxonomy, Orthoptera, Zoogeography.

10493-69
CHRYSOMELID BEETLES FROM THE PAPUAN SUBREGION (EUMOLPINAE).
J L Gressitt
Pacific Insects 11(1):1-31
1969 421 P11
Catalogs, Chrysomelidae, Insect geography, Insect taxonomy.

10494-69
THE BIBIONIDAE (DIPTERA) OF THE PHILIPPINES.
D E Hardy M D Delfinado
Pacific Insects 11(1):117-154
1969 421 P11
Bibionidae, Catalogs, Insect geography, Insect taxonomy.

10495-69
THE GENUS EVAZA IN THE PHILIPPINES AND THE AUSTRALASIAN REGION (DIPTERA: STRATIOMYIDAE).
M T James
Pacific Insects 11(1):81-116
1969 421 P11
Catalogs, Evaza, Insect geography, Insect taxonomy, Stratiomyidae.

10496-69
NEW RECORDS OF TWO NASAL MITES FROM JAPANESE RODENTS (ACARINA: EPIDERMOPTIDAE AND EREYNETIDAE).
K Kaneko
Jap J Sanit Zool 19(3):161-164
20 Oct 1968 QL99.E3
Epidermoptidae, Eupodidae, Insect taxonomy, Mites, Rodents. Japanese summary.

10497-69
SYSTEMATICS OF THE CRYPTOCEPHALINAE (COLEOPTERA, CHRYSOMELIDAE) FROM SOVIET CENTRAL ASIA AND KAZAKHSTAN.
I K Kopatin
Entomol Rev 46(1,JAN-MAR):126-131
1967 421 R322AE
Chrysomelidae, Cryptocephalinae, Insect taxonomy.

10498-69
THREE NEW SPECIES OF SARCOSOLOMONIA BARANOV, 1938 (DIPTERA: SARCOPHAGIDAE).
H des Lopes R Kano
Pacific Insects 11(1):181-185
1969 421 P11
Insect geography, Insect taxonomy, Sarcophagidae.

10499-69
NEW AND LITTLE KNOWN PALEARCTIC CECIDOMYIIDAE OF THE TRIBE PORRICONDYLINI (DIPTERA, CECIDOMYIIDAE). (RUS)
Bim Mamaiev
Acta Ent Bohemoslov 63(3):213-239 REF
1966 420 C33
Cecidomyiidae, Insect identification, Insect taxonomy, Palearctic Region, Zoogeography. 4 new genera and 20 new species are described. english and Czech summaries.

10500-69
AN INVESTIGATION OF THE CULICIDAE OF CHARENTE-MARITIME; THE OCCURRENCE OF THE GENUS MANSONIA BLANCHARD 1901: M. (COQUILLETIDIA) RICHIARDII (FICALBI) 1896 AND M. (C.) BUXTONI (EDWARDS) 1923. (FR)
M Mandoul M Dubos C Moulinier M de Cournuaud
Soc Pathol Exot Bull 61(2 MAR-APR):282-288 REF
1968 448.9 SO13
Aquatic insects, Culicidae, Insect identification, Insect taxonomy, Insecticide resistant insects, Larvae, Littoral insects, Mansonia, Zoogeography.

10501-69
TWO MYOBIID MITE SPECIES (ACARINA: MYOBIIDAE) FROM SHREWS OF HOKKAIDO, JAPAN. (JA)
Z Ono
Jap J Sanit Zool 19(3):191-194
20 Oct 1968 QL99.E3
Myobiidae, Rodents, Zoogeography. English summary.

10502-69
REDESCRIPTION OF THREE SPECIES OF MEALIA TROUESSART, 1897 (ACARINA: PYROGLYPHIDAE) FROM HOUSE DUST IN JAPAN. (JA)
S Oshima
Jap J Sanit Zool 19(3):165-191 REF
20 Oct 1968 QL99.E3
Dermatophagoides, Household insects, Insect identification, Insect taxonomy, Mites. English summary.

10503-69
ANTS (FORMICIDAE) COLLECTED IN AFGHANISTAN BY DR. J. KLAPPERICH. (GE)
B Pisarski
Pol Pismo Entomol 37(1):47-51
15 Aug 1967 421 P76
Formicidae, Insect identification, Zoogeography. 20 species are discussed. polish summary.

10504-69
MATERIALS CONCERNING THE KNOWLEDGE OF THE PALEARCTIC MOMPHIDAE (LEPIDOPTERA). PART VIII. DISTRIBUTION OF THE MOMPHIDAE IN POLAND. (FR)
T Riedl
Pol Pismo Entomol 37(1):25-46 REF
15 Aug 1967 421 P76
Insect identification, Lepidoptera, Momphidae, Zoogeography. Information on 40 species. polish summary.

10505-69
PIERIS VIRGINIENSIS EDWARDS IN ONTARIO (LEPIDOPTERA: PIERIDAE).
J C E Riotte
Entomol Soc Ontario Proc 98:27-29
1967 420 ON8
Insect identification, Nomenclature, Pieridae, Pieris napi, Pieris virginiensis, Zoogeography.

10506-69
CONTRIBUTION TO THE FAUNA OF THE CONGO (BRAZZAVILLE). MISSION OF A. VILLIERS AND A. DESCARPENTRIES. XLVI. LEPIDOPTERA ATTACIDAE. (2ND NOTE). (FR)
P C Rougeot
Inst Fondamental Afr Noire Bull Ser A Sci Natur 29(1):345-346
Jan 1967 515 D14
Insect taxonomy, Lepidoptera, Saturniidae, Zoogeography.

10507-69
NEW SPECIES OF MITES FROM PINE (ACARINA: TARSOCHELIDAE, EUPALOPSELLIDAE, CALIGONELLIDAE, CRYPTOGNATHIDAE, RAPHIGNATHIDAE, AND NEOPHYLLOBIIDAE).
R L Smiley J C Moser
Entomol Soc Wash Proc 70(4):307-317
Dec 1968 420 W27
Insect taxonomy, Mites, Pinus taeda, Raphignathidae, Zoogeography.

10508-69
CONTRIBUTION TO THE FAUNA OF THE CONGO (BRAZZAVILLE). MISSION OF A. VILLIERS AND A. DESCARPENTRIES. XLVII. HOMOPTERA CERCOPIDAE AND FULGOROIDEA. (FR)
H Synave
Inst Fondamental Afr Noire Bull Ser A Sci Natur 29(1):347-369
Jan 1967 515 D14
Cercopidae, Homoptera, Insect taxonomy, Zoogeography. 55 other species belonging to 13 families and 49 genera are described.

10509-69
FAUNA OF THE SPRINGTAILS (COLLEMBOLA) OF THE OJCOW.
A Szeptycki
Acta Zool Cracov 12(10):219-280 MAP REF
30 Sep 1967 410 AC86
Collembola, Insect ecology, Surveys, Zoogeography.

10510-69
METALLINELLA GEN. N. OF THE FAMILY MEGACHILIDAE (HYMENOPTERA, APOIDEA). (GE)
B Tkalcu
Acta Ent Bohemoslov 63(3):200-202
1966 420 C33
Insect identification, Insect taxonomy, Megachilidae, Metallinella, Osmia atrocaerulea. Czech and English summaries.

10511-69
ARTHROPODS OF MEDICAL IMPORTANCE IN AUSTRALIA AND THE PACIFIC ISLANDS.
B V Travis R M Labadan H H Lee
U S Army Natick Lab Tech Rep (SER ES-36)(68-61-ES):246 MAP REF
May 1968 QL487.T8
Arthropoda, Disease transmission, Human diseases, Insect vectors, Medical entomology, Zoogeography.

The groups of Arthropoda included mosquitoes, black flies, sand flies, midges, horse flies, biting flies, non-biting flies, fleas, bugs, urticating and vesicating arthropods, ticks, mites and miscellaneous arthropoda.

10512-69
TARSAL CHAETOTAXY OF ARGAS JAPONICUS YAMAGUTI, CLIFFORD, AND TIFTON, 1968 (IXODOIDEA: ARGASIDAE).
K Uchikawa A Sato
Jop J Sanit Zool 19(3):157-161
20 Oct 1968 QL99.E3
Argas japonicus, Argasidae, Chaetotaxy, Insect anatomy, Insect identification, Insect morphology. Japanese summary.

10513-69
THE WARBLE FLY.OCHOTONIA LINDNERI GRUNIN, GEN. ET SP.N. (DIPTERA, HYPODERMATIDAE), A PARASITE OF THE AFGHAN PIKA (OCHOTONA RUFESCENS GRAY).
A P Vazhev
Entomol Rev 47(1,JAN-MAR):136
Mar 1968 421 R322AE
Insect taxonomy, Ochotonia lindneri, Oestridae, Parasitic insects.

10514-69
A CONTRIBUTION TO THE KNOWLEDGE OF THE HALTICINAE OF NORTHERN PERSIA. (GE)
A Warchalowski
Pol Pismo Entomol 37(1):53-64 MAP
15 Aug 1967 421 P76
Chrysomelidae, Dibolia, Epitrix, Insect identification, Longitarsus, Psylliodes, Zoogeography. 19 other species of the same genera are discussed. polish summary.

10515-69
TWO NEW GENERA OF LEAFHOPPERS (HOMOPTERA, CICADELLIDAE) FROM MONGOLIA.
A F Yemel'yanov
Entomol Rev 47(1,JAN-MAR):83-84
Mar 1968 421 R322AE
Cicadellidae, Insect geography, Insect taxonomy.

10516-69
TAXONOMY AND PHYLOGENY OF THE CLOTHES MOTH FAMILY (LEPIDOPTERA, TINEIDAE).
A K Zagulyayev
Entomol Rev 47(1,JAN-MAR):126-135 REF
Mar 1968 421 R322AE
Insect evolution, Insect geography, Insect taxonomy, Life cycle, Tincidae.

PHYSIOLOGY AND BIOCHEMISTRY

10517-69
BLACK FLIES (DIPTERA, SIMULIDAE) OF VOLOGDA REGION AND THEIR CONTROL.
S I Adrianov
Entomol Rev 46(1,JAN-MAR):107-110
1967 421 R322AE
Insect control, Insect ecology, Simuliidae.

10518-69
COCKCHAFERS.
Anonymous
Rubber Res Inst Moloyo Plant Bull (97):102-109 MAP
Jul 1968 78.9 R825
Coleoptera, Hevea, Insect identification, Insect morphology, Insect pests, Insect traps, Insecticides, Parasitic insects, Plant injuries, Predaceous insects, Scarabaeidae, Soil treatment.

10519-69
ON THE SUBJECT OF CERTAIN LIMITS NOTED IN THE CONTROL OF THE SEED-CORN MAGGOT. (FR)
H Audemard
Phytoma 20(198):27-32 REF
May 1968 464.8 P563
Beans, Chemical control (insects), Chlorinated hydroearbons, Corn, Dieldrin, Hylemya platura, Insect pests, Insecticide resistant insects, Lindane, Organophosphorus compounds, Spinach, Thiocarbamates, Thiram.

10520-69
CORN ROOTWORM CONTROL IN SOUTH DAKOTA WITH NOTES ON WIREWORM AND CUTWORM CONTROL.
W L Berndt P A Jones J . Jessen B H Kantack
S Dok Stote Univ Ext Ext Mimeogr Circ (428):5P
1968 275.29 SO85FS
Chemical control (insects), Cultural control (insects), Diabrotica, Elateridae, Insect control, Insecticide resistant insects, Insecticides, Noctuidae, Poisons.

10521-69
PROGENY SUPPRESSION OF ATTAGENUS MEGATOMA AND TROGODERMA PARABILE BY DIETARY FACTORS.
G M Boush F V Dunkel W Burkholder
J Econ Entomol 61(3):644-646 REF
Jun 1968 421 J822
Attagenus megatoma, Chlortetracycline, Insect biochemistry, Insect genetics, Insect nutrition, Insect physiology, Reproductive organs, Sorbic acid, Trogoderma parabile.

10522-69
EVIDENCE, IN DICTYOPTERA, OF A FOURTH PAIR OF NERVI CORPORIS CARDIACI. (FR)
P Brousse-Gaury
Acad Sci Compt Rend Ser D Sci Nat 265(3, 2ND SEMESTER):228-231 REF
17 Jul 1967 505 P21
Corpora cardiaca, Insect morphology, Nervous system, Orthoptera, Secretions.

10523-69
THE USE OF DAPHNIA PULEX DE GEER FOR THE DETECTION OF INSECTICIDES EXTRACTED FROM PLANTS. (IT)
A Cesari E Olmo G F Sama
Giornate Fitopatol 115-118 REF
26 Mar 1967 SB599.G5
Carbamates, Chlorine, Daphnia pulex, Insect physiology, Insecticides, Organophosphorus compounds, Plant extracts. 10 insecticides were tested.

10524-69
BREEDING PLACES OF BLOOD-SUCKING MOSQUITOES CULICIDAE AND RECOMMENDATIONS FOR PREVENTING OF THEIR APPEARANCE IN LANDS OF NEW IRRIGATION IN THE HUNGER STEPPE. (RUS)
P P Chinaev M S Muminov S A Zainiev
Med Parazitol Parazitarn Bolezni 37(3,MAY-JUN):336-339
1968 448.8 M469
Chemical control (insects), Culicidae, Cultural control (insects), Insect ecology, Irrigation structures, Larvae, Larvicides, Water treatment. English summary

10525-69
INCORPORATION OF I-C14-SODIUM PALMITATE INTO LIPIDS OF THE OVARIOLE OF GALLERIA MELLONELLA.
A Dutkowski J Skangiel-Kramska A Przelecka
Folia Histochem Cytochem 6(2):185-194 REF
1968 385 F71
Autoradiography, Biosynthesis, Carbon isotopes, Chromatography, Galleria mellonella, Insect biochemistry, Lipids, Ovarioles, Palmitic acid. Russian summary.

10526-69
LEATERJACKETS.
A M Feeney
Dublin Foras Taluntois Plant Sci Crop Husb 119-120, 121
1967 103 D852
Benzene hexachloride, Chemical control (insects), Chlorinated hydrocarbons, Fenthion, Insect ecology, Insect physiology, Insecticides, Organophosphorus compounds, Plant injuries, Soil insects, Tipulidae.

10527-69
COMPARISON OF THE EFFECT OF OLD AND NEW, INDIVIDUAL AND MIXED, ANTI COCCOIDEA PREPARATIONS USED AGAINST THE SAN JOSE SCALE. (IT)
S Foschi P Giunchi G Rapparini
Giornate Fitopatol 353-356
26 Mar 1967 SB599.G5
Aspidiotus perniciosus, Barium polysulfide, Chemical control (insects), Insect pests, Lime-sulfur, Organophosphorus compounds, Parathion, Petroleum.

10528-69
INFLUENCING THE METABOLISM IN TENEBRIO MONITOR (COLEOPTERA) DURING THE PUPAL STAGES BY FARNESYL-METHYL-ETHER. (GE)
A Geyer G Herda P Schmialek
Acta Ent Bohemoslov 65(4):253-262 REF
1968 420 C33
Ethyl ether, Insect biochemistry, Insect metabolism, Pupae, Tenebrio molitor. English and Czech summaries.

10529-69
TESTS ON THE CONTROL OF THE WHITE PEACH SCALE (PSEUDAULACASPIS PENTAGONA TARG.). (IT)
P Giunchi I Da Tripoli
Giornate Fitopatol 357-359 REF
26 Mar 1967 SB599.G5
Barium polysulfide, Chemical control (insects), Insect pests, Lime-sulfur, Petroleum, Pseudaulacaspis pentagona.

10530-69
RESEARCH ON THE BIOLOGY AND CONTROL OF TETRANYCHUS VIENNENSIS ZACHER IN THE REGION OF MARMARA. (TU)
M E Goksu
Bitki Koruma Bulteni 8(3):194-213 REF
1968 464.8 B542
Chemical control (insects), Insect biology, Insect identification, Tetranychus.

English summary. the chemicals tested were Delnav, Tedion, a mixture of Tedion and Kelthane, Rogor and Lebayeide.

10531-69
SOME ECOLOGICAL STUDIES ON AGROTIS SEGETUM SCHIFF. (LEPIDOPTERA, NOCTUIDAE). (BU)
N Guenchev
Rastenievud Nauk 5(4):127-137 REF
1968 64.8 R18
Agrotis segetum, Food quality, Insect ecology, Insect morphology, Insect pests, Noctuidae, Soil moisture, Temperature, Vegetables. English and Russian summaries.

10532-69
INTERACTIONS OF DDT WITH THE NERVOUS SYSTEM OF THE RESISTANT AND SUSCEPTIBLE GERMAN COCKROACHES.
M Hayashi F Matsumura
Nature 215(5109):1510-1512
30 Sep 1967 472 N21
Biochemistry, Blattella germanica, Chemical control (insects), DDT, Immunity, Insecticides, Nervous system, Poisoning.

10533-69
ON THE TRANQUILLIZATION OF HOUTTUYNIA CORDATA THUNB. FOR MALE

MOTH IN THE SILKWORM, BOMBYX MORI L. (JA)
Y Higashi
Belg Biol Inst Posebna Izoanja 37(2):102-106
Apr 1968 425.9 SE6
Bombyx mori, Houttuynia cordata, Tranquilizers.

10534-69
THE EXCITED STATE PRODUCTS OF FIREFLY BIOLUMINESCENCE: PROPERTIES AND MECHANISM OF FORMATION. (ABSTRACT).
T A Hopkins H H Seliger E H White
Fed Amer Soc Exp Biol Fed Proc 27(2):640
Mar 1968 442.9 F31P
Enzymes, Fertility, Insect biochemistry, Lampyridae, Luminescence, Photinus pyralis.

10535-69
THE EYE OF THE FIREFLY PHOTURIS.
G A Horridge
Roy Soc Proc Ser B, Biol Sci 171(1025):445-463 REF
25 Feb 1969 501 L84B
Eyes, Insect morphology, Insect physiology, Photuris.

10536-69
CENTRAL EUROPEAN LARVAL FORMS OF CHLAENIUS BON. (COLEOPTERA, CARABIDAE). (GE)
K Hurka
Acta Ent Bohemoslov 63(3):203-212 REF
1966 420 C33
Carabidae, Chlaenius, Insect anatomy, Insect biology, Insect identification, Larvae. English and czech summaries.

10537-69
METHODS OF QUANTITATIVE DETERMINATION OF RICKETTSIA IN TICKS. (RUS)
V F Ignatovich I M Grokhovskaya V E Sidorov
Med Parazitol Parazitarn Bolezni 37(3,MAY-JUN):306-309 REF
1968 448.8 M469
Argasidae, Insect vectors, Ixodides, Mites, Quantitative analysis, Rickettsia. English summary

10538-69
A TECHNIQUE FOR REMOVING APPENDAGES FROM SMALL, DRY-MOUNTED INSECTS FOR MICROSCOPIC EXAMINATION.
D Jackson
Entomol Soc Wash Proc 71(1):93
Mar 1969 420 W27
Insect preservation, Microscopy.

10539-69
STUDIES ON AMINO ACID COMPOSITION OF MULBERRY PYRALID FIBER. (JA
K Komatsu
Belg Biol Inst Posebna Izoanja 37(2):107-112 REF
Apr 1968 425.9 SE6
Amino acids, Bombyx mori, Fibers, Insect biochemistry, Proteins, Pyralidae. English summary.

10540-69
TECHNIQUE OF PREPARING SLIDES FOR COCCID (HOMOPTERA, COCCOIDEA) DETERMINATION.
E F Kozarzhevskaya
Entomol Rev 47(1,JAN-MAR):146-149
Mar 1968 421 R322AE
Coccoidea, Diaspididae, Insect preservation, Methodology.

10541-69
NATURAL INFECTION OF CHIGGER MITES WITH RICKETTSIA TSUTSUGAMUSHI ON THE PRIMORSKY TERRITORY. (RUS)
N I Kudryashova L V Mirolyubova I V Tarasevich L F Plotnikova
Med Parazitol Parazitarn Bolezni 37(3,MAY-JUN):302-305 REF
1968 448.8 M469
Animal vectors, Bacterial diseases (insects), Experimental insects, Insect diseases, Larvae, Luminescence, Mites, Parasitism, Rickettsia tsutsugamushi, Rickettsial diseases, Rodents, Serological tests, Trombiculidae, Zoogeography. English summary.

10542-69
A MONOXENIC RELATIONSHIP, NOCARDIA RHODNII ERIKSON IN THE GUT OF RHODNIUS PROLIXUS STAHL. (HEMIPTERA: REDUVIIDAE).
P Lake W G Friend
Entomol Soc Ontario Proc 98:53-57 REF
1967 420 ON8
Bacteria, Culture media, Gastrointestinal system, Insect physiology, Microorganisms, Nocardia rhodnii, Parasitism, Reduviidae, Rhodnius prolixus.

10543-69
EXPERIMENTAL CONDITIONS FOR FEMINIZATION OF THE GONADS OF TRIPLOID INTERSEXES IN DROSOPHILA MELANOGASTER. (FR)
G Lauge
Acad Sci Compt Rend Ser D Sci Nat 5(10, 2ND SEMESTER):767-770
04 Sep 1967 505 P21
Drosophila melanogaster, Gonads, Insect physiology, Intersexuality, Polyploidy, Temperature.

10544-69
EFFECTS OF THE ANTIFEEDING COMPOUND AC-24055 (4'-(3,3-DIMETHYL-1-TRIAZENO)ACETANILIDE) ON THE SURVIVAL, DEVELOPMENT, AND REPRODUCTION OF SOME STORED-PRODUCTS INSECTS.
S R Losehiavo
J Econ Entomol 62(1):102-107
17 Feb 1969 421 J822
Chemical control (insects), Cryptolestes turcicus, Dimethyl-1-triazeno)acetanilide, 4'-(3,3-, Feeding, Insect morphology, Insecticides, Oryzaephilus mercator, Oryzaephilus surinamensis, Reproduction, Sitophilus granarius, Stored products, Tribolium confusum, Trogoderma parabile.

10545-69
BIOLOGICAL EFFECTS AND PERSISTENCE OF DURSBAN INSECTICIDE IN A SALT-MARSH HABITAT.
P D Ludwig H J Dishburger J C McNeill W O Miller J R Rice
J Econ Entomol 61(3):626-633 REF
Jun 1968 421 J822
Aedes sollicitans, Aerial spraying, Chemical control (insects), Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate, O, i, Insecticide residues, Insecticides, Tidal marshes.

10546-69
THE SALIVARY GLAND CHROMOSOMES OF SEVEN TAXA IN THE SUBGENUS STEGOPTERNA (DIPTERA, SIMULIIDAE, CNEPHIA).
D P Madahar
Can J Zool 47(1):115-119
Jan 1969 470 C16D
Chromosomes, Cnephia, Cytology, Illustrations, Salivary glands (insects), Simuliidae. The seven taxa in the subgenus Stegopterna are: Cnephia mutata, C. richteri, C. emergens, C. Y , C. X , C. O , C. W .

10547-69
CHEMICAL ECOLOGY: FUNGUS-GROWING ANTS. (ABSTRACT).
M M Martin R M Carman
Science 158(3800):531
27 Oct 1967 470 SCI2
Atta, Culture media, Fungi, Insect nutrition, Insect physiology. Abstract of paper presented at National Academy of Sciences autumn meeting, Ann Arbor, Mich., 23-25 Oct., 1967.

10548-69
STUDIES ON THE DISEASES OF ASEPTICALLY REARED SILKWORMS, BOMBYX MORI L. V. INDUCTION OF NUCLEAR POLYHEDROSES BY THE FEEDING OF CERTAIN CHEMICALS TO THE SILKWORM AFTER TRANSFER FROM ASEPTIC TO NORMAL REARING CONDITION. (JA)
F Matsubara
Belg Biol Inst Posebna Izoanja 37(2):137-143 REF
Apr 1968 425.9 SE6
Bombyx mori, Chemicals, Feeding, Insect diseases, Insect rearing, Polyhedroses, Viruses. English summary.

The following chemicals were fed to the 5th stage silkworm: ethylenediaminetetraacetic acid, disodium ethylenediaminetetraacetate, sodium diethyldithiocarbamate, 8-hydroxyquinoline, hydroxylamine and sodium fluoride.

10549-69
STUDIES ON THE ENVIRONMENTAL FACTORS FOR THE BREEDING OF GRAIN MITES. PART IX. THE EFFECT OF RELATIVE HUMIDITY ON THE AGE COMPOSITION OF THE POPULATION OF LARDOGLYPHUS KONOI. (JA)
K Matsumoto
Jap J Sanit Zool 19(3):196-203 REF
20 Oct 1968 QL99.E3
Environment, Humidity, Insect breeding, Insect physiology, Insect populations, Mites, Reproduction. English summary.

10550-69
ON THE STERILIZING EFFECT OF HEMPA ON THE COMMON HOUSEFLY, MUSCA DOMESTICA VICINA. II. A FIELD TEST IN SEI ISLAND. (JA
H Matsuzawa Y Fuji'i
Jap J Sanit Zool 19(3):210-212
20 Oct 1968 QL99.E3
Amides, Biological control (insects), Chemical control (insects), Chemosterilants, Hempa, Musca domestica vicina. English summary.

10551-69
PHEROMONES. III. IDENTIFICATION OF TRANS, TRANS-10-HYDROXY-3,7-DIMETHYL-2,6-DECADIENOIC ACID AS A MAJOR COMPONENT IN HAIRPENCIL SECRETION OF THE MALE MONARCH BUTTERFLY.
J Meinwald A M Chalmers T E Pliske T Eisner
Tetrahedron Lett (47):4893-4896 REF
Sep 1968 385 T29
Biochemistry, Danaus plexippus, Insect behavior, Pheromones, Secretion, Sex, Spectrochemistry.

10552-69
REPORT OF THE ANTI-LOCUST RESEARCH CENTRE 1965.
46P
1965 SB945.L7A53
Acrididae, Cicadidae, Insect control, International cooperation, Reports, Research.

10553-69
REPORT OF THE ANTI-LOCUST RESEARCH CENTRE FOR 1966.
Great Britain Ministry Of Overseas Development 56P
1966 SB945.6MA53
Acrididae, Cicadidae, Insect control, International cooperation, Reports, Research.

10554-69
THE SENSORY CELLS OF THE HYPOPHARYNGEAL ORGAN OF BLABERA CRANIIFER BURM. (INSECTA, DICTYOPTERA). STUDY OF THE CILIARY SEGMENT AND THE CONNECTED STRUCTURES. (FR)
M Moulins
Acad Sci Compt Rend Ser D Sci Nat 265(1, 2ND SEMESTER):44-47 REF
03 Jul 1967 505 P21
Blaberus craniifer, Chemoreceptors, Electron microscopy, Insect cytology, Pharynx.

10555-69
THE OCCURRENCE OF BLOWFLIES (DIPT., CALLIPHORIDAE) IN THE ARCHIPELAGO OF THE LAKE KALLAVESI, CENTRAL FINLAND.
P Nuorteva T Rasanen
Ann Zool Fenn 5(2):188-193 MAP
1968 410 AN712
Calliphoridae, Climate, Insect populations, Zoogeography.

10556-69
PARASITIZATION OF IMPORTED CABBAGEWORM AND CABBAGE LOOPER EGGS ON CABBAGE IN SOUTHERN CALIFORNIA, WITH NOTES ON THE COLONIZATION OF TRICHOGRAMMA EVANESCENS.
E R Oatman G R Platner P D Greany
J Econ Entomol 61(3):724-730
Jun 1968 421 J822
Cabbage, Insect eggs, Insect pests, Parasitic insects, Pieris rapae, Trichogramma evanescens, Trichoplusia ni.

10557-69
AUTOECOLOGICAL-ZOOGEOGRAPHICAL ANALYSIS OF MOSS MITES (ACARI, ORIBATEI) ON THE BASIS OF FAUNA IN THE POZNAN ENVIRONS. PART I.
A Rajski
Pol Pismo Entomol 37(1):69-166 REF
15 Aug 1967 421 P76
Insect ecology, Oribatei, Zoogeography. The study describes 67 species. polish summary.

10558-69
INSECTS ASSOCIATED WITH THE SPONGE SPONGILLA FRAGILIS IN THE SAVANNAH RIVER.
S S Roback
Acad Natur Sci Phila Notulae Natur (412):10P REF
15 Apr 1968 500 P53NO
Insect ecology, Insect morphology, Insect pests, Sponges.

Climacea areolis and Xenochironomus xenolabis were found throughout the sponge. Athripsodes sp. and Athripsodes were found in the sponge. Rheorthocladius sp., Orthocladius sp. and Cricotopus bicinctus were found in the body of the sponge.

10559-69
IMMUNOLOGICAL RESPONSE OF MALE COCKROACHES TO INJECTION OF TETRAHYMENA PYRIFORMIS.
G R Seaman N L Robert
Science 161(3848):1359-1361
27 Sep 1968 470 SCI2
Blattidae, Immunity, Injections, Insect biology, Periplaneta americana, Proteins, Tetrahymena pyriformis.

10560-69
THE EFFECTS OF PH ON THE LABELLAR SUGAR RECEPTOR OF THE FLESHFLY.
A Shiraishi H Morita
J Gen Physiol 53(4):450-470 REF
Apr 1969 447.8 J822
Chemoreceptors, Hydrogen-ion concentration, Insect behavior, Insect biochemistry, Sarcophagidae, Sucrose, Taste.

The pH inhibition curve is discussed for the labellar sugar receptor of the flesh fly, Boettcherisca peregrina. The response to sucrose was independent over a wide range of pH (3.0 to 10.0) but was inhibited fairly sharply on both sides of this range.

10561-69
DISTRIBUTION OF RICKETTSIA DERMACENTROXENUS SIBIRICUS IN THE ORGANISMS OF TICKS ORNITHODOROS LAHORENSIS NEUMANN, ALVEONASUS CANESTRINII BIR. (ARGASIDAE, IXOIDEA). (RUS)
V E Sidorov V N Kryuchechnikov
Med Parazitol Parazitarn Bolezni 37(3,MAY-JUN):309-313
1968 448.8 M469
Bacterial diseases (insects), Dermacentroxenus sibiricus, Insect diseases, Ixodides, Ornithodoros lahorensis, Rickettsial diseases, Symbiosis, Tissues. English summary

10562-69
REARING STORED-PRODUCT INSECTS FOR LABORATORY STUDIES: BEAN AND COWPEA WEEVILS.
R G Strong G J Partida D N Warner
J Econ Entomol 61(3):747-751
Jun 1968 421 J822
Acanthoscelides obtectus, Bruchidae, Callosobruchus maculatus, Cowpeas, Experimental insects, Insect rearing, Kidney beans, Stored products.

10563-69
A SURVEY OF RESISTANCE TO DIELDRIN-GROUP IN THE GERMAN COCKROACH, BLATTELLA GERMANICA, COLLECTED FROM KAWASAKI, JAPAN. (JA)
T Suzuki H Matsunaga M Shimamura
Jap J Sanit Zool 19(3):207-209
20 Oct 1968 QL99.E3
Blattella germanica, Chlorinated hydrocarbons, Diazinon, Dieldrin, Insecticide resistant insects, Organophosphorus compounds, Surveys. English summary.

10564-69
CONTROL OF CERTAIN COTTON PESTS WITH UNION CARBIDE UC21149.
H M Taft A R Hopkins
J Econ Entomol 61(3):736-739
Jun 1968 421 J822
Aldicarb, Anthonomus grandis, Aphis gossypii, Carbamates, Chemical control (insects), Cotton, Heliothis virescens, Heliothis zea, Insect pests, Insecticide application, Tetranychus urticae.

10565-69
STRUCTURE OF CAPITASTERONE, A NOVEL C29 INSECT-MOULTING SUBSTANCE FROM CYATHULA CAPITATA.
T Takemoto K Nomoto Y Hikino H Hikino
Tetrahedron Lett (47):4929-4932
Sep 1968 385 T29
Biochemistry, Carbon isotopes, Cyathula capitata, Insect hormones, Lactones, Molting (insects), Spectrochemistry.

10566-69
BANDS ON PEACH TREES AS SHELTERS FOR PREDATORS OF THE GREEN PEACH APHID.
G Tamaki J E Halfhill
J Econ Entomol 61(3):707-711
Jun 1968 421 J822
Arthropoda, Beneficial insects, Humidity, Myzus persicae, Peaches, Predaceous insects, Temperature.

10567-69
DIFFERENCE OF LARVAL PERIOD OBSERVED BETWEEN MALES AND FEMALES OF CULEX PIPIENS PALLENS. (JA)
I Tanaka
Jap J Sanit Zool 19(3):194-196
20 Oct 1968 QL99.E3
Culex pipiens pallens, Insect morphology, Larvae, Time. English summary.

10568-69
BIOLOGY OF MYELOIS CERATONIAE ZELLER AND RESEARCH ON THE CONTROL METHODS. (TU)
C Tokmakoglu O Z Soylu H Deve Cioglu
Bitki Koruma Bulteni 7(3):93-106
1967 464.8 B542
Chemical control (insects), Citrus, Cultural control (insects), Fenthion, Insect biology, Myelois ceratoniae, Organophosphorus compounds, Trichlorfon. English summary.

10569-69
THE NUTRITION OF DESERT LOCUST (SCHISTOCERCA GREGARIA FORKS.) NYMPHS AND DEVELOPMENTAL DIFFERENCES OF THE NYMPHS CAUSED BY NUTRITION. (TU)
E Tutkun
Bitki Koruma Bulteni 7(3):121-144
1967 464.8 B542
Insect morphology, Insect nutrition, Nymphs, Schistocerca gregaria. English summary.

10570-69
A NEW TYPE OF INVERTEBRATE VIRUS SHOWN IN COLEOPTERA. (FR)
C Vago J L Duthoit P Robert
Acad Sci Compt Rend Ser D Sci Nat 265(9, 2ND SEMESTER):721-723 REF
28 Aug 1967 505 P21
Electron microscopy, Insect cytology, Melolontha melolontha, Virus diseases (insects).

10571-69
THE DISTRIBUTION OF AN OIL, CARBOHYDRATE, AND PROTEIN FOOD SOURCE TO MEMBERS OF THE IMPORTED FIRE ANT COLONY.
S B Vinson
J Econ Entomol 61(3):712-714
Jun 1968 421 J822
Carbohydrates, Dyes, Insect behavior, Insect nutrition, Insect physiology, Larvae, Oils, Proteins, Social insects, Solenopsis saevissima richteri, Sugar.

10572-69
CYTOSTATIC EFFECTS ON THE HEMOCYTES OF TENEBRIO MOLITOR L. (COLEOPTERA). (CZ)
Z Vostal E Pircova
Biologia (bratislava) 23(11):877-883
1968 442.8 B5265
Blood cells, Insect biochemistry, Insect cytology, Tenebrio molitor. Russian and German abstract.

10573-69
OCCURRENCE OF THE NON-MOULTING TINY SILKWORMS CAUSED BY INOCULATION OF THE FLACHERIE (F) VIRUS. (JA)
H Yamazaki T Yamada A Kobayashi
Belg Biol Inst Posebna Izoanja 37(2):155-156
Apr 1968 425.9 SE6
Bombyx mori, Flacherie, Insect diseases, Insect morphology, Molting (insects), Viruses.

10574-69
BIOLOGY OF THE ROBBER FLY EUTOLMUS RUFIBARBIS MG, (DIPTERA, ASILIDAE) IN KHABAROVSK TERRITORY.
P A Yesipenko
Entomol Rev 46(1,JAN-MAR):61-62
1967 421 R322AE
Asilidae, Eutolmus rufibarbis, Insect biology, Insect ecology, Zoogeography.

10575-69
MATING OF UNTREATED AND TEPA-CHEMOSTERILIZED FALL ARMYWORM MOTHS.
J R Young J W Snow A N Sparks
J Econ Entomol 61(3):657-661
Jun 1968 421 J822
Chemical control (insects), Chemosterilants, Insect behavior, Insect eggs, Reproduction, Sex behavior, Spodoptera frugiperda, Tepa.

10576-69
ETHOLOGY AS THE DETERMINING FACTOR IN THE DISTRIBUTION OF SPECIES AND FAUNA. (IT)
E Zavattari
Accad Naz Ital Entomol Atti 8:28-40
1960 420 AC2
Insect biology, Insect ecology, Insect morphology, Parasitism, Population, Zoogeography.

GENETICS

10577-69
GENETIC ASPECTS OF PTERIDINES IN MOSQUITOES.
S C Bhalla
Genetics 58(2):249-258 REF

Feb 1968 442.8 G28
Aedes aegypti, Aedes mascarensis, Amino-4-hydroxypteridine, 2-, Chromatography, Culex pipiens, Fluorescence, Insect genetics, Mutation, Pteridine, Pteridine compounds.

10578-69
NON-RANDOM LOCALIZATION OF LETHALS IN DROSOPHILA.
R Falk E Lifschytz
Mutation Res 5(3,JUN-JUL):411-416 REF
1968 443.8 M98
Drosophila melanogaster, Insect genetics, Radiation.

10579-69
DDT-DEHYDROCHLORINASE ACTIVITY IN HOUSE FLY STRAINS RESISTANT TO VARIOUS GROUPS OF INSECTICIDES.
M A Q Khan L C Terriere
J Econ Entomol 61(3):732-736 REF
Jun 1968 421 J822
Carbamates, Chemical control (insects), Chlorinated hydrocarbons, Chromosomes, DDT, DDT-DEHYDROCHLORINASE, Enzymes, Genes, Insect biochemistry, Insect genetics, Insect metabolism, Insecticide resistant insects, Insecticides, Isopropyl-3-methylpyrazol-5-yl dimethylcarbamate, 1-, Metabolites, Microsomes, Musca domestica, Naphthalene, Organophosphorus compounds.

10580-69
ON THE LOCUS OF 'WHITE LETHAL EGG' GENE IN THE SILKWORM. (JA
Y Ohtsuki
Belg Biol Inst Posebna Izoanja 37(2):95-101 REF
Apr 1968 425.9 SE6
Bombyx mori, Genes, Insect eggs, Insect genetics, Insect mutation, Lethal factor. English summary.

10581-69
POSSIBLE PLEIOTROPISM OF A GENE CONFERRING RESISTANCE TO DDT, DDT ANALOGS, AND PYRETHRINS IN THE HOUSE FLY AND CULEX TARSALIS.
F W Plapp R F Hoyer
J Econ Entomol 61(3):761-765 REF
Jun 1968 421 J822
Chlorinated hydrocarbons, Chromosomes, Culex tarsalis, DDT, Genes, Insect genetics, Insect physiology, Insecticide resistant insects, Musca domestica, Pyrethrum.

10582-69
GENETIC VARIABILITY IN THE GERMAN COCKROACH. II. A DESCRIPTION OF NEW MUTANTS AND LINKAGE TESTS.
M H Ross D G Cochran
J Hered 58(6,NOV-DEC):274-278
Dec 1967 442.8 AM3
Blattella germanica, Insect genetics, Insect mutation.

MEDICAL ENTOMOLOGY

10583-69
EXPERIENCE OF EXTERMINATION OF PASTURE TICKS IN A NATURAL FOCUS OF TULAREMIA ON THE ISLAND oF BIRYUCHY. (RUS)
V S Bessalov V S Vasilenko N S Zavodov N F Kompantsev V A Panasovsky F A Pushnitsa L A Tercmenko M A Timofeev
Med Parazitol Parazitarn Bolezni 37(3,MAY-JUN):288-291
1968 448.8 M469
Insect control, Insect vectors, Ixodides, Tularemia.

10584-69
EXPERIMENTS WITH FEEDING SANDFLIES (PHLEBOTOMINAE) ON GREAT GERBILS (RHOMBOMYS OPIMUS LICHT) UNDER CONDITIONS APPROACHING NATURAL. (RUS)
L N Eliseev M V Strelkova
Med Parazitol Parazitarn Bolezni 37(3,MAY-JUN):324-328
1968 448.8 M469
Experimental insects, Gerbils, Insect rearing, Insect vectors, Leishmaniasis, Parasitic insects, Phlebotomus, Psychodidae. English summary

10585-69
ON RESULTS OF CONTROL OF A TICK VECTOR OF SPIROCHAETOSIS IN VILLAGE FOCI OF THE CENTRAL ASIAN REPUBLICS. (RUS)
M V Pospelova-Shtrom
Med Parazitol Parazitarn Bolezni 37(3,MAY-JUN):297-302
1967 448.8 M469
Insect control, Insect vectors, Ixodides, Population, Spirochetosis, Zoogeography. English summary.

CROP PROTECTION

10586-69
PLANT SCIENCES AND CROP HUSBANDRY, RESEARCH REPORT, 1967.
Dublin Foras Taluntais Plant Sci Crop Husb 148P REF
1967 103 D852
Crops, Grain, Insect pests, Pesticides, Plant biochemistry, Plant breeding, Plant diseases, Plant nematodes, Plant protection.

10587-69
USE OF NARCOTIC BAITS.
Dublin Foras Taluntais Plant Sci Crop Husb 22-23
1967 103 D852
Baits, Bird pests, Crop losses, Narcotics.

10588-69
RESEARCH ACTIVITIES 1958-1961.
Anonymous
Amsterdam Inst Trop Mededel (56):74P REF
1968 503 AM82
Agricultural research, Crops, Insect pests, Plant diseases, Plant protection, Research, Soil analysis, Tropical plants. The article includes insect pests and diseases of crops.

10589-69
FACTORS AFFECTING TRACE AND MINOR ELEMENTS IN HILL SHEEP PASTURES.
F C Archer
Vet Rec 83(24):607
14 Dec 1968 41.8 V641
Cobalt, Copper, Fertilizers, Liming, Magnesium, Manganese, Micronutrients, Molybdenum, Pastures, Salts, Sheep, Soils, Sulfates. Summary only: British Veterinary Assoc. Congress, Sept. 16-20, 1968.

10590-69
EMENDATION OF THE GENUS STREPTOVERTICILLIUM BALDACCI (1958) AND REVISION OF SOME SPECIES.
E Baldacci G Farina R Locci
Milan Univ Inst Patol Veg Pubbl Raccolta (324):153-171 REF
1967 464.9 M582
Fungi, Moniliales, Plant morphology, Plant taxonomy. Italian summary.

Reprint from: Giornale di Microbiologia 14:153-171 1966. the author examined 14 species to provide an emendation of the diagnosis of Streptoverticillium.

10591-69
INCUBATION CALENDAR FOR PERONOSPORA AND PEST CONTROL GUIDE FOR GRAPE CULTURE. (IT)
E Baldacci
Milan Univ Inst Patol Veg Pubbl Raccolta (333):39P
1967 464.9 M582
Chemical control (insects), Chemical control (weeds), Fungicides, Fungus diseases (plants), Grape vineyards, Insect pests, Peronospora, Pest control, Virus diseases (plants).

10592-69
THE USE OF CHLOROPICRIN FOR SOIL DISINFECTION. (FR)
J Bourdin
Phytoma 20(198):19-26 REF
May 1968 464.8 P563
Accident prevention, Chloropicrin, Equipment, Fumigants, Pesticide application, Pesticides, Regulations, Soil sterilization.

10593-69
GIBBERELLIN INDUCED HETEROSTYLY IN THE TOMATO AND ITS IMPLICATIONS FOR HYBRID SEED PRODUCTION.
M J Bukovac S Honma
Amer Soc Horticult Sci Proc 91:514-520 REF
1967 81 SO12
Gibberellins, Greenhouse culture, Heterostyly, Plant breeding, Plant physiology, Pollination, Seeds, Tomatoes.

10594-69
TRAPPING OF BULLFINCHES.
J F Eades T O'Calligan N D O'Kennedy
Dublin Foras Taluntais Plant Sci Crop Husb 23,24
1967 103 D852
Bird pests, Plant protection, Thiocarbamates, Thiram.

10595-69
BIRD DAMAGE TO BLUEBERRIES.
J F Eades J G D Lamb
Dublin Foras Taluntais Plant Sci Crop Husb 23-24
1967 103 D852
Bird pests, Blueberries, Crop yields, Plant protection.

10596-69
PREVENTION OF WOOD-PIGEON DAMAGE.
J F Eades R F Murphy
Dublin Foras Taluntais Plant Sci Crop Husb 22
1967 103 D852
Animal protective devices, Bird pests, Crop losses, Peas, Pigeons.

10597-69
TRAPPING OF CORVIDS.
J F Eades
Dublin Foras Taluntais Plant Sci Crop Husb 21-22
1967 103 D852
Bird control, Bird pests, Crows, Traps, Wildlife.

10598-69
SPECIALIST ADVISORY AND DIAGNOSTIC SERVICE.
A M Feency J J Duggan
Dublin Foras Taluntais Plant Sci Crop Husb 122-123
1967 103 D852
Entomology, Extension work, Insect ecology, Plant injuries, Plant pests.

10599-69
GENERAL BREEDING, BREEDING FOR RESISTANCE TO BLIGHT AND POTATO ROOT EELWORM.
H W Kehoe
Dublin Foras Taluntais Plant Sci Crop Husb 59
1967 103 D852
Blight, Crop yields, Ditylenchus destructor, Plant breeding, Plant disease resistance, Plant nematode resistance, Potatoes, Virus diseases (plants).

10600-69
STUDIES ON THE PYCNIDIAL FORMATION BY MACROPHOMINA PHASEOLI (MAUBL.) ASHBY SIZE OF PYCNIDIA, OSTIOLE AND PYCNIDIOSPORES AND ITS SIGNIFICANCE.
N B Kulkarni B C Patil
Mycopathol Mycol Appl 36(314):311-321 REF
1968 450 M994
Fungi, Macrophomina phaseoli, Plant morphology, Pycnidia.

10601-69
MITORUBRINIC ACID AND RELATED COMPOUNDS FROM A STRAIN OF PENICILLIUM FUNICULOSUM THOM.
R Locci L Merlini G Nasini J Rogers Locci
Milan Univ Inst Patol Veg Pubbl Raccolta (328):93-102 REF
1967 464.9 M582
Acids, Culture media, Fungi, Isolates, Penicillium funiculosum. Italian summary.

Reprint from: Giornale di Microbiologia 15:93-102 1967.

10602-69
WYOMING RANGE MANAGEMENT.
M May A A Beetle R O Asplund
Wyoming Range Management (268/270,APR-JUN):44P REF
1969 60.19 W99
Bibliography, Range management, Vegetation.

10603-69
PLANT BREEDING.
P S T Mirie
Kenya Dep Agr Ann Rep 1:42-45
1966 24 AF8A
Agronomy, Corn, Plant breeding, Plant diseases, Plant genetics, Seeds, Wheat.

10604-69
NINETY-SEVENTH ANNUAL REPORT OF THE SECRETARY OF THE STATE HORTICULTURAL SOCIETY OF MICHIGAN.
A E Mitchell
Mich State Hort Soc Annu Rep 167P
1968 81 M58
Horticulture, Reports, Societies.

10605-69
ANNUAL REPORT 1966-67.
125P REF
1967 451 C142
Crop varieties, Cytogenetics, Equipment, Grain, Plant biochemistry, Plant breeding, Plant disease resistance, Plant diseases, Surveys.

10606-69
BEHAVIOUR OF ALTERNARIA POONENSIS INCITING BLIGHT OF CORIANDER IN ARTIFICIAL CULTURE.
T Raghunath
Mycopathol Mycol Appl 36(314):347-352 REF
1968 450 M994
Alternaria poonensis, Blight, Coriandrum sativum, Culture media, Light, Plant physiology.

10607-69
RUBBER RESEARCH INSTITUTE OF MALAYA. ANNUAL REPORT 1966.
112P.
1966 78.9 R824A
Agricultural statistics, Botany, Chemistry, Economics, Plant diseases, Reports, Research, Rubber, Soils. Includes insect pests and diseases.

10608-69
PLANT PROTECTION SERVICE IN JORDAN. (GE)
G Schumacher
Gesunde Pflanzen 20(9):177-179
Sep 1968 464.8 G33
Legislation, Plant protection, Plant quarantine.

10609-69
ANNUAL REPORT OF THE INDIAN INSTITUTE OF SUGARCANE RESEARCH, LUCKNOW, 1964-65. (MYCOLOGY, BY K. SINGH; RESEARCH PROJECT ON INVESTIGATION AND CONTROL OF VIRUS DISEASES OF SUGARCANE, BY K. SINGH; ENTOMOLOGY, BY A. N. KALRA).
K Singh A N Kalra
210P
1965 65.9 IN225
Agronomy, Entomology, Mycology, Plant physiology, Reports, Soil chemistry, Statistical analysis, Sugarcane, Virus diseases (plants).

10610-69
PLANT PROTECTION. BULLETIN OF THE PLANT DISEASE CONTROL STATION OF GENEVA. JULY. (FR)
Rev Hort Suisse 41(7):178-180
Jul 1968 80 R3212
Chemical control (plant diseases), Crops, Fruit culture, Fungus diseases (plants), Horticulture, Insect pests, Ornamental plants, Plant disease control.

10611-69
TROPICAL PESTICIDES RESEARCH INSTITUTE, ANNUAL REPORT, 1966.
30 P.
1966 79.9 AR8
Chemical control (insects), Coffee, Crops, Culicidae, Forests, Fungicides, Fungus diseases (plants), Glossina, Herbicides, Insecticides, Molluscacides, Plant pest control, Snails, Tree diseases.

DISEASES

10612-69
A STEMPHYLIUM LEAF SPOT OF VICIA FABA IN THE UNITED ARAB REPUBLIC.
Y A Abdou M M Fahim
Plant Dis Rep 53(2):157-159
Feb 1969 1.9 P69P
Broadbeans, Diagnosis, Epidemiology, Fungus diseases (plants), Leaf spot, Stemphylium botryosum.

10613-69
COMPARISON OF FUNGICIDES FOR POTATO BLIGHT.
Dublin Foras Taluntais Plant Sci Crop Husb 13-14
1967 103 D852
Blight, Defoliation, Fungicides, Potatoes, Spraying. 8 fungicides and mixtures were tested.

10614-69
LONGEVITY AND ROLE OF VERTICILLIUM- AND FUSARIUM-DISEASED PLANT MATERIALS IN INFECTION OF NEW COTTON CROPS.
M M Al-Shukri
Plant Dis Rep 53(2):126-127
Feb 1969 1.9 P69P
Cotton, Fungus diseases (plants), Fusarium, Fusarium oxysporum vasinfectum, Longevity, Plant disease transmission, Verticillium albo-atrum, Verticillium dahliae.

10615-69
PARTICLE SHAPE OF SOUTHERN SANN-HEMP MOSAIC VIRUS.
G P S Anand
Cur Sci 37(24):706
20 Dec 1968 475 SCI23
Electron microscopy, Microorganisms, Morphology, Mosaic, Sunn crotalaria, Virus diseases (plants).

10616-69
FORMATION OF TOBACCO MOSAIC VIRUS IN AN ANIMAL CELL CULTURE.
J G Atherton
Arch Gesamte Virusforsch 24(4):406-418 REF
Sep 1968 448.3 AR23
Monkeys, Mosaic, Tissue culture, Tobacco, Virus diseases (plants).

10617-69
A TENTATIVE ARRANGEMENT OF THE GENERA IN ACTINOMYCETALES.
E Baldacci R Locci
Milan Univ Inst Patol Veg Pubbl Raccolta (323):131-139 REF
1967 464.9 M582
Actinomycetales, Bacterial diseases (plants), Morphology, Taxonomy. Italian summary.

Reprint from: Giornale di Microbiologia 14:131-139 1966.

10618-69
STREPTOMYCES AVELLANEUS AND STREPTOMYCES LIBANI: TWO NEW SPECIES CHARACTERIZED BY A HAZEL-NUT BROWN (AVELLANEUS) AERIAL MYCELIUM.
E Baldacci A Grein
Milan Univ Inst Patol Veg Pubbl Raccolta (329):185-198 REF
1967 464.9 M582
Bacterial diseases (plants), Culture media, Electron microscopy, Morphology, Streptomyces. Italian summary.

Reprint from: Giornale di Microbiologia 14:185-198 1966.

10619-69
SUMMER DEATH--A NEW DISEASE OF BEANS.
B Ballantyne
Agr Gaz New S Wales 79(8):486-489 REF
Aug 1968 23 N472
Diagnosis, Host indexing (plants), Insect vectors, Kidney beans, Plant disease transmission, Virus diseases (plants).

The distribution, symptoms, host range, the apparent etiological agent and mode of transmission of a newly recognized disease of kidney beans is presented.

10620-69
DEGREE OF RESISTANCE OF SOME WATERMELON (CITRULLUS VULGARIS SCHRAD.) VARIETIES TO THE FUSARIUM WILT (FUSARIUM OXYSPORUM (SCHLECHT.) F. NIVEUM (E. F. SM) TSNYDER HANSEN. (POR)
B P Bastos Cruz A P da Silveira N T de Mendonca
Sao Paulo Inst Biol Arq 35(2,APR-JUN):67-76 REF
Jun 1968 442.9 SA6
Fungus diseases (plants), Fusarium oxysporum, Fusarium wilt, Plant disease resistance, Watermelons. English abstract

10621-69
DISSEMINATION OF WATERBORNE ERWINIA AMYLOVORA BY WIND IN NURSERY PLANTINGS.
R J Bauske
Amer Soc Horticult Sci Proc 91:795-801 REF
1967 81 SO12
Bacterial diseases (plants), Epiphytotic, Erwinia amylovora, Fire blight, Nurseries, Pears, Plant disease transmission, Plant injuries, Rainfall, Wind.

10622-69
A NEW RACE OF STRIPE RUST PATHOGENIC ON THE WHEAT VARIETY MORO, CI 13740.
R G Beaver R L Powelson
Plant Dis Rep 53(2):91-93
Feb 1969 1.9 P69P
Breeding, Crop varieties, Fungus diseases (plants), Plant disease resistance, Puccinia striiformis, Stripe rust, Temperature, Wheat.

10623-69
FLORAL INFECTION BY ASCOCHYTA CAULICOLA (GRAY STEM CANKER) AND VARIETAL REACTION OF SWEET CLOVER.
B Berkenkamp
Plant Dis Rep 53(5):348-349
May 1969 1.9 P69P
Ascochyta caulicola, Clover, Crop losses, Crop varieties, Fungus diseases (plants).

10624-69
FIRE BLIGHT RESEARCH AND CONTROL MEASURES IN THE UNITED STATES.
H J Brooks
Mich State Hort Soc Annu Rep 114-118 REF
1968 81 M58
Apples, Bacterial diseases (plants), Fertilizers, Fire blight, Orchards, Plant disease control, Pruning, Spraying.

10625-69
TESTS FOR THE CONTROL OF MILDEW OF THE TOMATO. (IT)
B Casarini
Giornate Fitopatol 157-161

26 Mar 1967 SB599.G5
Chemical control (plant diseases), Climate, Fungus diseases (plants), Mildew, Phytophthora infestans, Statistical analysis, Tetrachloroethyl)thio)-4-cyclohexene-1,2-dicarboximide, cist. Other, less effective fungicides were also tested.

10626-69
RESULTS OF THREE YEARS OF THE CONTROL OF MARSSONINA BRUNNEA IN POPLARS. (IT)
E Castellani G P Cellerino
Giornate Fitopatol 213-219
26 Mar 1967 SB599.G5
Chemical control (plant diseases), Copper oxychloride, Drepanopeziza punctiformis, Fungus diseases (plants), Maneb, Maneb (zinc ion), Populus, Tetrachloroethyl)thio)-4-cyclohexene-1,2-dicarboximide, cist, Time.

10627-69
MOLDY CARPELS IN DELICIOUS APPLES ON THE GREATER NEW YORK MARKET.
M J Ceponis J Kaufman J E Butterficld
Plant Dis Rep 53(2):136-138
Feb 1969 1.9 P69P
Alternaria tenuis, Apples, Crop varieties, Fungus diseases (plants), Fusarium, Leptosphaeria coniothyrium, Molds, Rhizopus stolonifer.

10628-69
COMPARATIVE TESTS BETWEEN AND VARIOUS TIME PERIODS OF TREATMENT IN THE CONTROL OF GRAY MOLD OF STRAWBERRIES. (IT
A Cesari F Laffi
Giornate Fitopatol 231-234
26 Mar 1967 SB599.G5
Botrytis cinerea, Captan, Chemical control (plant diseases), Chlorinated hydrocarbons, Fungicide application, Fungus diseases (plants), Gray mold, Strawberries, Tetrachloroethyl)thio)-4-cyclohexene-1,2-dicarboximide, cist, Thiram, Time, Zineb.

10629-69
SOME REMARKS ON TESTS AND SEVERAL APPLICATIONS DURING THE YEAR, CONDUCTED WITH A NEW PREPARATION AGAINST CRYPTOGAMIA, ON NUMEROUS CULTURES. (IT)
M Ciampolini
Giornate Fitopatol 297-301
26 Mar 1967 SB599.G5
Chemical control (plant diseases), Crops, Cryptogamia, Fungicide application, Fungus diseases (plants), Phytotoxicity, Thiocarbamates, Zinc salts.

10630-69
A SECOND THREE YEAR PERIOD OF THE FIGHT AGAINST BOTRYTIS IN THE VINEYARDS OF FRIULI. (IT)
A Cosolo Giussani P L Carniel
Giornate Fitopatol 225-229
26 Mar 1967 SB599.G5
Botrytis, Captan, Chemical control (plant diseases), Chlorinated hydrocarbons, Folpet, Fungus diseases (plants), Grape vineyards, Potassium sulfate, Tetrachloroethyl)thio)-4-cyclohexene-1,2-dicarboximide, cist, Zineb.

10631-69
BASIC TESTS CONCERNING THE CONTROL OF MARSSONINA BRUNNEA IN POPLARS. (IT)
A Cosolo Giussani
Giornate Fitopatol 221-224
26 Mar 1967 SB599.G5
Chemical control (plant diseases), Drepanopeziza punctiformis, Fungus diseases (plants), Maneb (zinc ion), Populus, Thiocarbamates.

10632-69
APPLICATION OF SOIL MOISTURE PRINCIPLES TO THE STUDY OF PLANT DISEASE.
A B Couch L H Purdy D W Henderson
Va Polytech Inst Dep Entomol Res Div Bull (4):23P REF
Jan 1967 QL461.V5
Plant diseases, Plant physiology, Roots, Soil moisture.

10633-69
THE PRESENCE OF MYCOPLASMA-LIKE PARTICLES IN THE PHLOEM OF PLANTS INFECTED WITH THREE EUROPEAN YELLOW DISEASES: TOMATO STOLBUR, GLADIOLA ASTER YELLOW, AND CLOVER PHYLLODY. CYTOLOGICAL AND ULTRASTRUCTURAL STUDIES. PRELIMINARY REMARKS ON CHEMICAL CONTROL. (FR)
M T Cousin P L Maillet J P Gourret C Grison T Staron
Paris Acad Agr France Compt Rend Hebd Seances 54(1):887-893 REF
16 Oct 1968 14 P215BC
Aster yellows, Chemical control (plant diseases), Clover, Erythromycin, Gladiolus, Phyllody, Plant disease transmission, Plant histology, Stolbur, Tetracycline, Tomatoes, Tylosin, Virus diseases (plants).

10634-69
RESISTANCE OF BARLEY VARIETIES TO CERCOSPORELLA HERPOTRICHOIDES.
P C Cunningham
Dublin Foras Taluntais Plant Sci Crop Husb 93
1967 103 D852
Barley, Cercosporella herpotrichoides, Crop varieties, Fungus diseases (plants), Plant disease resistance.

10635-69
HOST SPECIFICITY OF ISOLATES OF CERCOSPORELLA HERPOTRICHOIDES.
P C Cunningham
Dublin Foras Taluntais Plant Sci Crop Husb 92-93
1967 103 D852
Agropyron repens, Barley, Cercosporella herpotrichoides, Crop varieties, Fungus diseases (plants), Host indexing (plants), Isolates, Wheat.

10636-69
EYESPOT AND TAKE-ALL DISEASE TRENDS IN CONTINUOUS MALTING BARLEY GROWING TRIALS.
P C Cunningham
Dublin Foras Taluntais Plant Sci Crop Husb 93-94
1967 103 D852
Barley, Eyespot, Fungus diseases (plants), Nitrogen, Take-all.

10637-69
RELATIONSHIP OF TAKE-ALL INFECTION LEVELS AND REDUCTION OF WHEAT AND BARLEY GRAIN YIELDS.
P C Cunningham
94
1967
Barley, Crop yields, Fungus diseases (plants), Inoculum, Take-all, Wheat.

10638-69
VARIOUS FORMULATIONS OF PRODUCTS FOR THE CONTROL OF LEAF SPOT ON OLIVES. (IT)
M D'Armini
Giornate Fitopatol 209-211
26 Mar 1967 SB599.G5
Bordeaux mixture, Chemical control (plant diseases), Cycloconium oleaginum, Formulations, Fungus diseases (plants), Leaf spot, Olives, Thiocarbamates, Zineb, Ziram.

10639-69
POLYMYXA INFECTION OF BERMUDA GRASS.
J L Dale C L Murdoch
Plant Dis Rep 53(2):130-131
Feb 1969 1.9 P69P
Cynodon dactylon, Cynodon transvaalensis, Fungus diseases (plants), Grasses, Olpidium, Polymyxa, Polymyxa graminis.

10640-69
POTATO SPINDLE TUBER VIRUS: A PLANT VIRUS WITH PROPERTIES OF A FREE NUCLEIC ACID.
T O Diener W B Raymer
Science 158(3799):378-381 REF
20 Oct 1967 470 SCI2
Nucleic acids, Potatoes, Spindle tuber, Virus diseases (plants).

10641-69
COMPARISON BETWEEN PRODUCTS EFFECTIVE AGAINST BOTH POWDERY MILDEW AND OIDIUM. (IT)
S Foschi G Rapparini
Giornate Fitopatol 195-207 REF
26 Mar 1967 SB599.G5
Chemical control (plant diseases), Dodine, Erysiphaceae, Fungus diseases (plants), Maneb, Maneb (zinc ion), Oidium, Plant disease resistance, Powdery mildew, Thiocarbamates, Thiram. Other, less effective fungicides were tested.

10642-69
SOME ASPECTS OF THE CHEMICAL CONTROL OF TOBACCO PERONOSPORA. (IT)
S Foschi G Govi G Rapparini
Giornate Fitopatol 153-156 REF
26 Mar 1967 SB599.G5
Chemical control (plant diseases), Fungus diseases (plants), Maneb, Nabam, Peronospora tabacina, Thiocarbamates, Tobacco, Zineb, Ziram.

10643-69
RECOGNIZING TURFGRASS DISEASES.
S Frederiksen J L Weihing
Calif Turfgrass Cult 18(3):18-22
Jul 1968 60.18 S08
Blight, Diagnosis, Fungus diseases (plants), Rust, Turf. Common diseases of turf are discussed including their symptoms, cause, and control (both chemical and cultural).

10644-69
TIME OF CHEMICAL HAULM DESTRUCTION.
C Frost
Dublin Foras Taluntais Plant Sci Crop Husb 14-15
1967 103 D852
Blight, Defoliation, Fungicides, Fungus diseases (plants), Potatoes, Spraying, Stems.

10645-69
COMPARATIVE PATHOGENICITY OF CEPHALOSPORIUM ACREMONIUM CORDS, AND FUSARIUM MONILIFORME SHELDON, (EMEND SNYDER AND HANSEN (GIBBERELLA FUJIKUROI) (SAW.)WR.) ON MAIZE.
H M L Gallegos
Diss Abstr Sect B 29(3):900B
Sep 1968 Z5055.U49D53
Cephalosporium acremonium, Corn, Fungus diseases (plants), Fusarium moniliforme, Greenhouse culture, Photoperiodism, Roots, Temperature.

10646-69
SOME OBSERVATIONS ON THE SHAPE AND LOCALIZATION OF DIFFERENT VIRUSES IN EXPERIMENTALLY INFECTED PLANTS, AND ON THE FINE STRUCTURE OF THE HOST CELLS. IIII:TURNIP YELLOW MOSAIC VIRUS IN BRASSICA CHINENSIS L.
F M Gerola M Bassi G Giussani
Milan Univ Inst Patol Veg Pubbl Raccolta (320):457-479 REF
1967 464.9 M582
Chinese cabbage, Plant extracts, Turnips, Virology, Virus diseases (plants), Yellow mosaic. Italian summary.
Reprint from: Caryologia 19(4):457-479 1966.

10647-69
TESTS OF THE CONTROL OF POTATO MILDEW IN THE TRENTINO REGION. (IT)
O Gosen B Caumo
Giornate Fitopatol 163-172
26 Mar 1967 SB599.G5
Chemical control (plant diseases), Climate, Fungus diseases (plants), Late blight, Mildew, Peronosporales, Potatoes, Tables (data), Testing, Thiocarbamates, Time, Zineb. Other, less effective fungicides were also tested.

10648-69
SUSCEPTIBILITY OF STRAWBERRY VARIETIES TO RED STELE DISEASE.
C O Gourley D L Craig
Can Plant Dis Surv 48(3):93-94
Sep 1968 464.9 C16S
Crop varieties, Fungus diseases (plants), Phytophthora fragariae, Red stele, Strawberries.

10649-69
FUSARIUM WILT OF COFFEE IN INDIA.
T S Govindarajan S Subramanian
Indian Coffee Monthly Bull 32(9):270-271 REF
Sep 1968 68.29 IN23M
Coffee, Erythrina lithosperma, Fungus diseases (plants), Fusarium javanicum.

10650-69
PRELIMINARY NOTE CONCERNING TESTS IN PROGRESS ON THE CONTROL OF COLLAR ROT OF LETTUCE. (IT)
A Graniti M Elia
Giornate Fitopatol 251-253
26 Mar 1967 SB599.G5
Botrytis cinerea, Chemical control (plant diseases), Collar rot, Dichloro-4-nitroaniline, 2,6-, Fungus diseases (plants), Lettuce, Pentachloronitrobenzene, Sclerotinia minor, Sclerotinia sclerotiorum, Sodium N-methyldithiocarbamate.

10651-69
CONTROL OF RUST IN SPEARMINT ESTABLISHED WITH TRANSPLANTS.
R J Green
Plant Dis Rep 53(5):376-377
May 1969 1.9 P69P
Chemical control (plant diseases), Chlorinated hydrocarbons, Dichlone, Fungus diseases (plants), Mentha spicata, Puccinia menthae, Rust, Transplanting.

10652-69
XANTHOMONAS TRANSLUCENS ON WHEAT IN MANITOBA IN 1968.
W A F Hagborg
Can Plant Dis Surv 48(3):112
Sep 1968 464.9 C16S
Bacterial diseases (plants), Crop losses, Wheat, Xanthomonas translucens.

10653-69
SECOND YEAR TRIALS OF PERONOSPORA CONTROL ON ONIONS. (PERONOSPORA SCHLEIDENI UNGER). (FR)
M Haltebourg
Awamia (21):53-62
Oct 1968 24 AW1
Blight, Chemical control (plant diseases), Copper, Fungicides, Fungus diseases (plants), Irrigation, Maneb, Onions, Peronospora, Peronospora destructor, Pesticide application, Plant protection, Polyethylene thiuram sulfides, Precipitation. English, Spanish and Arabic summaries.

10654-69
RUSSET CRACK--A MENACE TO THE SWEETPOTATO INDUSTRY. III. ROLE OF FUNGI IN THE ROOT-LESION PHASE OF RUSSET CRACK.
E M Hildebrand
Plant Dis Rep 53(2):103-107
Feb 1969 1.9 P69P
Cephalosporium, Fungus diseases (plants), Fusarium, Rhizoctonia, Roots, Russet crack, Soil fungi, Sweetpotatoes, Temperature.

10655-69
SARIUM FLOWER AND BUD ROT OF CHRYSANTHEMUM FOUND IN LOUISIANA.
G E Holcomb R E Motsinger
Plant Dis Rep 53(5):356
May 1969 1.9 P69P
Bud rot, Chrysanthemum, Fungus diseases (plants), Fusarium.

10656-69
THE CONTROL OF BLACK ROT CANKERS ON APPLE TREES IN NEW HAMPSHIRE.
J Holmes A E Rich
Plant Dis Rep 53(4):315-318 REF
Apr 1969 1.9 P69P
Apples, Black rot, Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Phenylmercuric acetate, Physalospora obtusa. Other less effective fungicides were tested.

10657-69
FROGEYE LEAFSPOT AND APPLE BLACK ROT CONTROL BY FUNGICIDE SPRAY TREATMENT IN NEW HAMPSHIRE.
J Holmes A E Rich
Plant Dis Rep 53(5):372-375 REF
May 1969 1.9 P69P
Apples, Black rot, Chemical control (plant diseases), Frogeye, Fungicides, Fungus diseases (plants), Leaf spot, Physalospora obtusa, Spraying.

10658-69
THE EFFECTS OF SOIL MANAGEMENT AND FUNGICIDES ON THE DEVELOPMENT OF GREY MOULD (BOTRYTIS CINEREA) OF STRAWBERRIES.
P T Jenkins
Australian J Exp Agr Anim Husb 8(32):374-376
Jun 1968 23 AU792
Botrytis cinerea, Captan, Chemical control (plant diseases), Crop yields, Dichloro-4-nitroaniline, 2,6-, Fungicides, Fungus diseases (plants), Gray mold, Mulches, Soil management, Strawberries, Tillage.

10659-69
COMPARISONS BETWEEN GRANNY SMITH APPLES FROM HEALTHY AND GREEN CRINKLE VIRUS INFECTED TREES.
G R Johnstone D Martin
Australian J Exp Agr Anim Husb 8(32):381-384
Jun 1968 23 AU792
Apples, Crop varieties, Green crinkle, Plant injuries, Plant physiology, Virus diseases (plants).

10660-69
FUNGICIDAL SPRAYS AND THEIR INFLUENCE ON DISEASE, QUALITY, AND BLEMISH IN VALENCIA ORANGES AT MANGROVE MOUNTAIN.
T B Kiely
Agr Gaz New S Wales 79(10):613-620 REF
Oct 1968 23 N472
Black spot, Bordeaux mixture, Chemical control (plant diseases), Copper oxychloride, Crop yields, Fungicides, Fungus diseases (plants), Melanose, Mineral oil, Oranges, Zineb.

Black spot and melanose of valencia oranges were controlled with fungicide sprays of Bordeaux mixture and copper oxychloride using white oil as a sticker. the sprays were applied at petal fall, six weeks later, and with zineb at thirteen weeks.

10661-69
CONTROL OF BARLEY LOOSE SMUT (USTILAGO NUDA) BY A DERIVATIVE OF 1,4-OXATHIIN IN SOUTH CAROLINA.
G C Kingsland
Plant Dis Rep 53(2):118-120 REF
Feb 1969 1.9 P69P
Barley, Crop varieties, Dihydro-5-carboxanilido-6-methyl-1,4-oxathiin, 2,3-, Fungicides, Fungus diseases (plants), Loose smut, Oxathiin, 1,4-, Seed treatment, Ustilago nuda.

10662-69
ESTABLISHMENT OF A RHIZOSPHERE MICROFLORA ON CARNATIONS AS A MEANS OF PLANT PROTECTION IN STEAMED GREENHOUSE SOILS.
J S Koths H B Gunner
Amer Soc Horticult Sci Proc 91:617-626 REF
1967 81 SO12
Dianthus caryophyllus, Fungus diseases (plants), Fusarium roseum, Greenhouse culture, In vitro, Lysis, Plant protection, Rhizosphere, Soil-borne plant diseases, Steam.

10663-69
THE RECURRENCE OF DUTCH ELM DISEASE IN COLORADO.
J G Laut N Oshima L E Dickens
Plant Dis Rep 53(4):253
Apr 1969 1.9 P69P
Ceratocystis ulmi, Dieback, Epidemiology, Fungus diseases (plants), Insect vectors, Scolytus multistriatus, Ulmus.

10664-69
MYCOLOGY.
Q MacGarvie
Dublin Faras Taluntais Plant Sci Crop Husb 95-98
1967 103 D852
Feed, Molds, Mycology, Soil fungi, Storage diseases, Stored products.

10665-69
BREEDING FOR RESISTANCE TO DOWNY MILDEW.
J B MacLachlan
Dublin Foras Taluntais Plant Sci Crop Husb 82
1967 103 D852
Downy mildew, Fungus diseases (plants), Plant breeding, Plant disease resistance.

10666-69
PREVENTION OF DAMAGE FROM EYESPOT.
S H Manning
New Zealand Wheat Rev (10):70-75
1967 59.8 N48
Cercosporella herpotrichoides, Eyespot, Fungus diseases (plants), Grain, Plant injuries, Plant protection.

10667-69
STEM RUST OF OATS IN CANADA IN 1968.
J W Martens G J Green
Can Plant Dis Surv 48(3):102-103
Sep 1968 464.9 C16S
Crop losses, Fungus diseases (plants), Oats, Puccinia graminis avenae, Stem rust.

10668-69
DIFFERENTIAL SENSITIVITY OF VARIOUS PHYTOPATHOGENUS SOIL FUNGI TO METHYL BROMIDE. (IT)
A Matta
Giarnate Fitopatol 245-247
26 Mar 1967 SB599.G5
Fumigants, Methyl bromide, Pyrenochacta lycopersici, Rhizoctonia solani, Sclerotium cepivorum, Sclerotium rolfsii, Soil fungi, Verticillium dahliae.

10669-69
EFFECT OF SOIL FUMIGATION ON DISEASE CONTROL AND YIELD OF GLADIOLUS IN SOUTHWESTERN NORTH CAROLINA.
R D Milholland
Plant Dis Rep 53(2):132-136 REF
Feb 1969 1.9 P69P
Chemical control (plant diseases), Chemical control (weeds), Crop yields, Curvularia, Cyperus rotundus, Dichloropropene, 1,3-, Fumigants, Fungus diseases (plants), Fusarium oxysporum gladioli, Gladiolus, Methyl bromide, Methyl isothiocyanate, Soil fumigation, Soil-borne plant diseases, Stromatinia gladioli.

10670-69
REVERSION DISEASE AND GALL MITE OF BLACK CURRANT.
Great Brit Min Agr Fish Faod Adv Leafl (277):1-7
Dec 1967 10 G79LA
Chemical control (insects), Cultural control (plant diseases), Currants, Endosulfan, Endrin, Eriophyidae, Insect biology, Insect vectors, Limesulfur, Plant galls, Virus diseases (plants).

The diagnostic symptoms of reversion disease of black currants and the life cycle of the vector (Cecidophyopsis ribes, a gall mite) are discussed. Pruning infected branches, selection of cuttings from healthy stock and applications of endosulfan, endrin and lime-sulfur are the recommended control measures.

10671-69
PESTS AND DISEASES.
P S T Mirie
Kenya Dep Agr Ann Rep 1:94-95
1966 24 AF8A
Insect pests, Livestock diseases, Plant diseases, Plant pest control.

Diseases and control were discussed on the following crops: coffee, cotton, maize, wheat, beans, potatoes, passion fruit, groundnut, cassava, fruit and an incidenee of tick borne diseases in cattle.

10672-69
PLANT PATHOLOGY.
P S T Mirie
Kenya Dep Agr Ann Rep 1:38-40
1966 24 AF8A
Baeterial diseases (plants), Brown spot, Legumes, Plant diseases, Potatoes, Seed analysis, Virus diseases (plants), Wilt.

10673-69
ON THE RELATIVE DURABILITY OF SOME BROAD-LEAVED WOODS TO FUNGAL ATTACK.
S Mizumoto
Jap Wood Res Soc J 14(8):434-439
Dec 1968 99.9 J2793
Fungus eultures, Fungus diseases (plants), Plant hardiness, Wood decay. Japanese summary.

Fungus cultures of Coriolus hirsutus, C. versicolor, Lenzites betulina, Schizophyllum commune,Trametes gibbosa and T. sanguinea.

10674-69
DESMODIUM PANICULATUM, A PERENNIAL HOST OF BEAN POD MOTTLE VIRUS IN NATURE.
B J Moore H A Scott H J Walters
Plant Dis Rep 53(2):154-155
Feb 1969 1.9 P69P
Cerotoma trifurcata, Chrysomelidae, Desmodium paniculatum, Inseet veetors, Kidney beans, Pod mottle, Serologieal tests, Soybeans, Virus diseases (plants).

10675-69
DIRECT ISOLATION OF CYLINDROCLADIUM FLORIDANUM FROM SOIL.
R H Morrison D W Frcnch
Plant Dis Rep 53(5):367-369
May 1969 1.9 P69P
Cylindrocladium floridanum, Fungus diseases (plants), Soil-borne plant diseases.

10676-69
ALGAL LEAF SPOT DISEASE ON VARIOUS HOSTS IN TAMILNAD, MADRAS STATE, INDIA.
R Narayanaswami R Ramabadran
Plant Dis Rep 53(2):101
Feb 1969 1.9 P69P
Algae, Cephaleuros, Leaf spot, Plant diseases, Plant hosts.

10677-69
DETERMINATION OF LEAF SPOT RACES IN SOUTHERN ILLINOIS STRAWBERRY PLANTINGS.
S Nemec
Plant Dis Rep 53(2):94-97
Feb 1969 1.9 P69P
Crop varieties, Fungus diseases (plants), Leaf spot, Mycosphaerella fragariae, Strawberries.

10678-69
SCLEROTINIA ROT (SCLEROTINIA SCLEROTIORUM).
Agr Gaz New S Wales 79(3):BACK COVER
Mar 1968 23 N472
Chemical control (plant diseases), Cultural control (plant diseases), Diehloro-4-nitroaniline, 2,6-, Fungus diseases (plants), Sclerotinia rot, Selerotinia selerotiorum, Spraying, Symptomatology.

10679-69
PEACH ROSETTE IN THE M. I. A..
Agr Gaz New S Wales 79(10):606
Oct 1968 23 N472
Cultural control (plant diseases), Peaches, Rosette, Virus diseases (plants).

The symptoms, mode of transmission, and economic result of peach rosette are described. The removal of infected trees is emphasised as a necessary means for controlling the virus disease.

10680-69
ANTHRACNOSE OF FRENCH BEAN.
Agr Gaz New S Wales 79(1):BACK COVER
Jan 1968 23 N472
Anthracnose, Beans, Bordeaux mixture, Chemical eontrol (plant diseases), Colletotriehum lindemuthianum, Fungus diseases (plants), Plant discase control.

10681-69
EFFECTS OF CROWN RUST ON RYE GRASS.
C O'Rourke
Dublin Foras Taluntais Plant Sci Crop Husb 101
1967 103 D852
Crown rust, Fungus diseases (plants), Immunization, Perennial plants, Puccinia coronata, Rye, Spraying.

10682-69
CLOVER PHYLLODY.
C O'Rourke C L Masterson
Dublin Foras Taluntais Plant Sci Crop Husb 101-102
1967 103 D852
Clover, Forage plants, Phyllody, Rhizobium, Virus diseases (plants).

10683-69
SURVEY OF DISEASES OF GRASSES AND CLOVERS.
C O'Rourke
Dublin Foras Taluntais Plant Sci Crop Husb 98-101
1967 103 D852
Fungus diseases (plants), Grasses, Virus diseases (plants). Nine fungus diseases and virus diseases were recorded on grasses in ireland.

10684-69
COMPARISON OF FUNGICIDES, USED IN VARIOUS DOSAGES, AGAINST CORYNEUM BEIJERINCKII OUD. (IT)
E Olmo A Ccsari
Giornate Fitopatol 191-193
26 Mar 1967 SB599.G5
Captan, Chemical control (plant diseases), Chlorinated hydrocarbons, Coryneum beijerinckii. Other, less effective fungicides were also tested. fungus diseases (plants) peaches tables (data) thiocarbamates ziram other, less effective fungicides were alo testcd.

10685-69
MORPHOLOGICAL STUDIES OF LATICIFER RUPTURE AND LEAF DEVELOPMENT IN LETTUCE, LACTUCA SATIVA L.
K C Olson
Diss Abstr Sect B 29(3):902B
Sep 1968 Z5055.U49D53
Cells, Leaves, Lettuce, Neerosis, Plant abnormalities, Plant morphology, Tipburn.

10686-69
MORPHOLOGY AND SIGNIFICANCE OF LATICIFER RUPTURE IN LETTUCE TIPBURN.
K C Olson T W Tibbitts B E Struckmeyer
Amer Soc Horticult Sci Proc 91:377-385 REF
1967 81 SO12
Cclls, Lactic acid, Latex, Leaves, Lettuec, Morphology, Plant abnormalities, Plant injuries, Plant physiology, Tipburn, Tissues.

10687-69
INHERITANCE OF RESISTANCE TO MYCOSPHAERELLA CITRULLINA IN MUSKMELON.
K Prasad J D Norton
Amer Soc Horticult Sci Proc 91:396-400 REF
1967 81 SO12
Fungus diseases (plants), Heredity, Muskmelons, Mycosphaerella citrullina, Plant breeding, Plant disease resistance, Plant genetics.

10688-69
RESISTANCE TO RHIZOCTONIA SOLANI IN PHASEOLUS VULGARIS (SNAP BEAN).
K Prasad J L Weigle
Plant Dis Rep 53(5):350-352
May 1969 1.9 P69P
Bacterial diseases (plants), Beans, Plant disease resistance, Rhizoctonia solani.

10689-69
CLOVER VIRUSES IN EASTERN CANADA IN 1967.
M J Pratt
Can Plant Dis Surv 48(3):87-92
Sep 1968 464.9 C16S
Clover, Crop losses, Surveys, Virus diseases (plants). Clover viruscs were discovered in Ontario, Quebec, New Brunswick, Nova Scotia and Prince Edward Island.

10690-69
EFFECTS OF LIME ON POTATO BLIGHT.
A G Prendergast J C Brogan
Dublin Foras Taluntais Plant Sci Crop Husb 91-92
1967 103 D852
Blight, Crop yields, Dithane, Dosage, Fertilizers, Lime, Manganese, Plant disease resistance, Potatoes, Spraying.

10691-69
DOWNY MILDEW OF SUGAR BEET.
A G Prendergast
Dublin Foras Taluntais Plant Sci Crop Husb 91
1967 103 D852
Downy mildew, Fungus diseases (plants), Plant disease rcsistance, Sugar beets.

10692-69
BLACK STEM RUST OF WHEAT.
A G Prendergast
Dublin Foras Taluntais Plant Sci Crop Husb 91
1967 103 D852
Black stem, Brown rust, Fungus diseases (plants), Rust, Wheat.

10693-69
INCIDENCE OF MOSAIC ON YIELDS OF SUGAR CANE VARIETIES. (SP
N E V de Ramallo
Tucuman Rev Indus Agr 45(3):153-166
1968 9 T79
Crop varieties, Crop yields, Epidemiology, Mosaic, Sugarcane, Virus diseases (plants). English summary.

10694-69
THE RESISTANCE OF ANTI-MILDEW PRODUCTS TO WASHING OFF. (IT
G Rapparini
Giornate Fitopatol 295-296
26 Mar 1967 SB599.G5
Chemical control (plant diseases), Dinocap, Erisyphe graminis, Fungus diseases (plants), Grain, Mildew. Other, less effeetive products were tested.

10695-69
WHERE BLISTER RUST IS A PROBLEM.
H Rohrbach
Horticult 46(6):43,46
Jun 1968 80 H787
Blister rust, Cronartium ribicola, Forest conservation, Fungus diseases (plants), Picca abies, Pinus flexilis, Pinus koraiensis, Pinus lambertiana, Pinus monticola, Pinus parviflora, Pinus peuce, Pinus strobus, Pinus sylvestris, Plant disease resistance.

10696-69
CITRUS EXOCORTIS VIRUS--CHEMICAL INACTIVATION ON TOOLS, TOLERANCE TO HEAT AND SEPARATION OF ISOLATES.
C N Roistacher E C Calavan R L Blue
Plant Dis Rep 53(5):333-336
May 1969 1.9 P69P

Citrus, Corrosion, Heating, Plant disease transmission, Tools, Virus diseases (plants).

10697-69
CHEMICAL CONTROL OF THE CEREAL RUSTS.
J B Rowell
Annu Rev Phytopathol 6:243-262 REF
1968 464.8 AN72
Chemical control (plant diseases), Economics, Epidemiology, Fungicides, Fungus diseases (plants), Grain, Oxathiins, 1,4-, Puccinia graminis tritici, Rust.

10698-69
A SEVERE FORM OF VERTICILLIUM ALBO-ATRUM IN GOSSYPIUM BARBADENSE IN PERU.
W C Schnathorst
Plant Dis Rep 53(2):149-150
Feb 1969 1.9 P69P
Cotton, Crop varieties, Fungus diseases (plants), Plant disease resistance, Verticillium albo-atrum.

10699-69
THE PROPAGATION OF STECKLENBERG DISEASE IN A SOUR CHERRY TREE. (GE)
K Schuch W Misehke L Kunze
Berlin Biol Bundesanst Land-forstwirtsch Mitt (121):162-167
Feb 1967 410.9 G31M
Necrotic ringspot virus, Plant disease transmission, Pollen, Prunus serrulata, Sour cherries, Virus diseases (plants). English abstract

10700-69
GUM-POCKET, A NEW VIRUS-LIKE DISEASE OF PONCIRUS TRIFOLIATA.
R E Schwarz A P D McClean
Plant Dis Rep 53(5):336-339
May 1969 1.9 P69P
Abnormalities, Citrus, Gum pocket, Symptomatology, Trifoliate oranges, Virus diseases (plants).

10701-69
SEED INFECTION AND TRANSMISSION OF BACTERIAL LEAF STREAK OF RICE.
G S Shekhawat D N Srivastava Y P Rao
Plant Dis Rep 53(2):115-116
Feb 1969 1.9 P69P
Bacterial diseases (plants), Bacterial leaf streak, Crop varieties, Epidemiology, Plant disease resistance, Plant disease transmission, Rice, Seedlings, Xanthomonas oryzicola.

10702-69
FIELD RESPONSE OF A NEW LINE OF COTTON (GOSSYPIUM HIRSUTUM L.) TO FUSARIUM WILT (FUSARIUM OXYSPORUM F. VASINFECTUM (ATK.) SNYDER AND HANSEN-- DATA FROM 1967/68. (POR)
A P da Silveira B P Bastos Cruz S G P da Silveira
Sao Paulo Inst Biol Arq 35(4,OCT-DEC):159-163
Dec 1968 442.9 SA6
Fungus diseases (plants), Fusarium oxysporum, Fusarium wilt, Plant breeding, Plant disease resistance, Upland cotton. English abstract

10703-69
PREDISPOSITION OF VIRUS-INFECTED PLANTS TO FUNGUS ROOT-DISEASES.
K Sivasithamparam
Cur Sci 38(2):46-47
20 Jan 1969 475 SCI23
Mosaic, Plant disease resistance, Root disease, Sunn crotalaria, Trichoderma viride, Virus diseases (plants).

10704-69
BLACK RIB OF WILLOWS IN MANITOBA AND SASKATCHEWAN.
B C Sutton J J Lawrence
Plant Dis Rep 53(2):101-102
Feb 1969 1.9 P69P
Black rib, Ciborinia foliicola, Ciborinia wisconsinensis, Epidemiology. Fungus diseases (plants), Salix.

10705-69
THE FIGHT AGAINST GLOEOSPORIUM IN THE WINTER. RESULTS OF TESTS CONDUCTED IN THE PERIOD 1964-1966. (IT)
G Tonini
Giornate Fitopatol 235-240
26 Mar 1967 SB599.G5
Bordeaux mixture, Captan, Chemical control (plant diseases), Chlorinated hydrocarbons, Fentin acetate, Fungus diseases (plants), Gloeosporium album, Mercury compounds.

10706-69
ANTHRACNOSE OF PAPAYA LEAVES CAUSED BY COLLECTOTRICHUM GLOEOSPORIOIDES.
E E Trujillo F P Obrero
Plant Dis Rep 53(5):323-325
May 1969 1.9 P69P
Anthracnose, Colletotrichum gloeosporioides, Fungus diseases (plants), Leaf spot, Papayas.

10707-69
EFFECTS OF FERTILIZATION SCHEDULES ON FLOWER PRODUCTION, KEEPING QUALITY, DISEASE SUSCEPTIBILITY, AND CHEMICAL COMPOSITION AT DIFFERENT GROWTH STAGES OF CHRYSANTHEMUM MORIFOLIUM.
W E Waters
Amer Soc Horticult Sci Proc 91:627-632 REF
1967 81 SO12
Blight, Botrytis cinerea, Chrysanthemum morifolium, Crop yields, Fertilizers, Fungus diseases (plants), Nitrogen, Phosphorus, Plant biochemistry, Plant disease resistance, Plant physiology, Potassium, Quality control.

10708-69
INVESTIGATIONS ON THE SUSCEPTIBILITY OF SOME POTATO VARIETIES TO INFECTION BY PHYTOPHTHORA INFESTANS (MONT.) DE BARY WHEN USING STAGGERED PLANTING DATES. (GE)
J Weindlmayr
Kenya Dep Agr Ann Rep 19(2):138-143 REF
May 1968 24 AF8A
Crop varieties, Fungus diseases (plants), Phytophthora infestans, Plant pest resistance, Planting date, Potatoes. English summary.

10709-69
VERTICAL DISTRIBUTION OF FUNGUS SUGGESTS...RIGOLEN PLOWING FOR CONTROL OF VERTICILLIUM WILT IN COTTON.
S Wilhelm J E Sagen H Tietz A George
Calif Agr 21(5):2-4
May 1967 100 C12CAG
Cotton, Fungus diseases (plants), Plowing, Soil fungi, Soil sampling, Soil-borne plant diseases, Tillage, Verticillium, Wilt.

ARTHROPODS

10710-69
SOME SUGGESTIONS FOR CONTROL OF WHITE ANT DAMAGE ON DADAPS (ERYTHRINA INDICA L.).
M A Balasubramanian
Indian Coffee Monthly Bull 32(3):93
Mar 1968 68.29 IN23M
Aldrin, Chemical control (insects), Chlorinated hydrocarbons, Erythrina indica, Formulations, Insecticides, Organophosphorus compounds, Parasitism, Parathion, Plant injuries, Plant nematodes, Rotylenchulus reniformis, Soil treatment, Termites, Wood-destroying insects.

10711-69
THE COFFEE ROOT MEALYBUG COMPLEX.
H Baum
Kenya Coffee 33(388):175-178 REF
May 1968 68.29 C652
Aldrin, Chemical control (insects), Chlorinated hydrocarbons, Coffee, Formicidae, Fungus diseases (plants), Insect pests, Insecticide application, Insecticides, Mycelium, Pheidole megacephala, Planococcus citri, Planococcus kenyae, Plant protection, Polyporus coffeae, Pseudococcidae, Roots, Symbiosis, Zoogeography.

10712-69
BIOCHEMICAL COMPOSITION OF PLANTS OF CUCURBITA FOETIDISSIMA HBK, AND CUCUMIS MELO L. AS RELATED TO CUCUMBER BEETLE FEEDING.
P S Benepal C V Hall
Amer Soc Horticult Sci Proc 91:353-360 REF
1967 81 SO12
Amino acids, Attractants, Crop varieties, Cucurbita foetidissima, Cysteine, Diabrotica undecimpunctata howardi, Feeding, Insect behavior, Leaves, Methionine, Muskmelons, Nitrogen compounds, Phenylalanine, Plant biochemistry, Plant pest resistance, Plant water relations, Proteins.

10713-69
BIOCHEMICAL STUDIES OF PLANTS OF CUCURBITA PEPO L. VARIETIES AS RELATED TO FEEDING RESPONSE OF SQUASH BUG ANASA TRISTIS DEGEER.
P S Benepal C V Hall
Amer Soc Horticult Sci Proc 91:361-365 REF
1967 81 SO12
Amino acids, Anasa tristis, Ashing, Chromatography, Crop varieties, Feeding, Insect behavior, Methionine, Ninhydrin reaction, Nitrogen, Nutrient solutions (plants), Plant biochemistry, Plant pest resistance, Plant water relations, Proteins, Pumpkins, Threonine.

10714-69
LEAF MINING MOTHS ARE AGAIN OCCURING MORE OFTEN. (GE)
H Bohm
Pflanzenarzt 20(2):11-13
01 Feb 1967 464.9 P482
Chemical control (insects), Diazinon, Dichlorvos, Insect outbreaks, Leaf miners, Lithocolletis blancardella, Lyonetia clerkella, Nepticula malella, Organophosphorus compounds, Parathion, Trichlorfon.

10715-69
SOME LEPIDOPTERA OF ECONOMIC IMPORTANCE IN COMMONWEALTH COUNTRIES.
J D Bradley
Brno Acta Univ Agr Fac Agron 15(3):541-519 MAP REF
1967 S13.B7
Economic entomology, Host indexing (plants), Insect names, Insect pests, Lepidoptera, Plant protection, Zoogeography.

10716-69
THE GYPSY MOTH, PORTHETRIA DISPAR L., A THREAT TO ONTARIO HORTICULTURE AND FORESTRY.
G S Brown
Entomol Soc Ontario Proc 98:12-15
1967 420 ON8
Forestry, Horticulture, Insect biology, Insect pests, Lymantriidae, Plant injuries, Porthetria dispar, Zoogeography.

10717-69
RELATIONSHIP OF THE GREEN PEACH APHID TO INCIDENCE AND SEVERITY OF LETTUCE MOSAIC.
R W Brubaker D L Coudriet P D Keener
J Econ Entomol 61(3):730-732
Jun 1968 421 J822
Crop yields, Insect cages, Insect morphology, Insect pests, Insect vectors, Lettuce, Mosaic, Myzus persicae, Plant disease transmission, Plant morphology, Plant physiology, Virus diseases (plants).

10718-69
FOREST PEST CONDITIONS IN CALIFORNIA-1968.
17P
Jan 1969 423.9 C122

Animal vectors, Forest insects, Immunity, Insect pests, Insect vectors, Plant diseases, Plant injuries.

10719-69
CONTROL OF SMALL-FRUIT PESTS AND DISEASES 1967.
21P
1967 464.05 B77
Accident prevention, Fruit, Insect vectors, Pest control, Pesticide residues, Pesticides, Plant diseases, Spraying.

10720-69
BUD CHARACTERISTICS OF PONDEROSA PINE RELATED TO POTENTIAL DAMAGE BY THE EUROPEAN PINE SHOOT MOTH.
V M Carolin J W Baxter
Northwest Pacific Forest Range Exp Sta Us Forest Serv Res No (90):17P REF
Sep 1968 A99.9 F7625U
Forest insects, Pinus ponderosa, Plant budding, Plant pest resistance, Plant physiology, Rhyacionia buoliana.

10721-69
A MODEL OUTBREAK OF THE MITE TETRANYCHUS MCDANIELI MCGREGOR IN ONTARIO.
C D Donalde
Entomol Soc Ontario Proc 98:29-45 REF
1967 420 ON8
Amblyseius fallacis, Apples, Experimental insects, Grapes, Insect outbreaks, Insect pests, Orius tristicolor, Peaches, Pears, Predaceous insects, Raspberries, Tetranychus mcdanieli, Zoogeography.

10722-69
APHIDS AND VIRUS YELLOWS OF SUGAR BEET.
J J Duggan
Dublin Foras Taluntais Plant Sci Crop Husb 116-117
1967 103 D852
Aphididae, Insect pests, Sugar beets, Virus diseases (plants), Yellows.

10723-69
CABBAGE ROOT FLY, (ERIOISCHIA BRASSICAE).
J J Duggan
Dublin Foras Taluntais Plant Sci Crop Husb 117-119
1967 103 D852
Cabbage, Chemical control (insects), Erioischia brassicae, Insect pests, Testing. Insects were treated with 11 insecticides.

10724-69
PYGMY MANGEL BEETLE, (ATOMARIA LINEARIS).
A M Feeney
Dublin Foras Taluntais Plant Sci Crop Husb 120, 122
1967 103 D852
Atomaria linearis, Insect migration, Insect pests, Insect traps, Sugar beets.

10725-69
ACARABEN MITICIDE, BRAND OF CHLOROBENZILATE, FOR BETTER RUST MITE CONTROL ON FLORIDA CITRUS.
Geigy Agr Chem (3128):10P
1968 SB952.A2G4
Acaricides, Acrial insect control, Chemical control (insects), Chlorobenzilate, Citrus, Equipment, Insecticide application, Mites, Spraying.

10726-69
CITRUS SCALE INSECTS.
J G Gellatley
Agr Gaz New S Wales 79(1):9-15
Jan 1968 23 N472
Carbamates, Chemical control (insects), Citrus, Coccidae, Insecticides, Organophosphorus compounds.

10727-69
OBSERVATIONS ON THE OCCURRENCE OF PESTS OF WHITE MULBERRY (MORUS ALBA L.) IN POLAND. (POL)
K Golanski
Pol Pismo Entomol 37(1):193-199
15 Aug 1967 421 P76
Insect pests, Morus alba. 27 species of insect pests were found. english summary.

10728-69
RESEARCH ON INTEGRATED CONTROL OF PESTS IN THE EXPERIMENTAL ORCHARD 'DE SCHUILENBURG'. (DU)
P Gruys
Neth Dir Tuinbouw Mededel 31(617,JUN-JUL):257-261
1968 86 N384
Fruit, Insect pests, Insecticides, Integrated control (pests), Plant nutrition, Spraying. English summary.

10729-69
1967 KANSAS INSECT CONTROL RECOMMENDATIONS; LIVESTOCK, MAJOR FIELD CROPS.
Kansas State Univ Ext Serv MF- (171):31P
1967 S544.3.K2K3
Alfalfa, Beef cattle, Chemical control (insects), Corn, Dairy cattle, Insecticides, Seeds, Sorghum, Soybeans, Wheat. The author lists the chemicals and their trade names that were tested.

10730-69
INVESTIGATIONS OF THE CONTROL OF LIXUS JUNCI BOH. (SE)
M Maceljski
Zastita Bilja 18(93/95):221-232 REF
1967 464.8 Z1
Chemical control (insects), Crop yields, Dieldrin, Dimethyl O-(4-nitro-m-tolyl) phosphorothioate, O,O-, Fenthion, Heptachlor, Insecticides, Lixus junci, Phosphamidon, Plant injuries, Sugar beets, Thiocron. English summary.

10731-69
EXPERIMENTS IN THE COMPARATIVE CONTROL OF ACULUS PELEKASSI KEIF. (IT)
G M Martelli G Laccone
Giornate Fitopatol 407-410
26 Mar 1967 SB599.G5
Aculus pelekassi, Barium polysulfide, Chemical control (insects), Chlorinated hydrocarbons, Citrus, Dicofol, Insect pests, Thiocarbamates, Zineb.

10732-69
ARRESTANT-FEEDING STIMULANT AS AN ADDITIVE TO SHELL SD-8447 FOR CONTROL OF CORN EARWORM LARVAE IN SWEET CORN.
W W McMillian J R Young B R Wiseman A N Spark
J Econ Entomol 61(3):642-644
Jun 1968 421 J822
Chemical control (insects), Chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl phosphate, 2-, Feeding, Greenhouse culture, Heliothis zea, Insect behavior, Insect biochemistry, Insecticides, Larvae, Mortality, Organophosphorus compounds, Stimulants, Sweetcorn.

10733-69
CHRYSANTHEMUM LEAF MINER.
Great Brit Min Agr Fish Food Adv Leafl (550):4P
Aug 1967 10 G79LA
Accident prevention, Biological control (insects), British Isles, Chemical control (insects), Chrysanthemum, Insect biology, Insect pests, Insecticides, Phytomyza atricornis, Phytotoxicity, Plant injuries.

10734-69
WATERMELON MOSAIC VIRUS TRANSMISSION AND PROBING BEHAVIOR BY THE GREEN PEACH APHID AS AFFECTED BY PHYSICAL AGITATION.
R Namba
J Econ Entomol 61(3):667-670
Jun 1968 421 J822
Experimental insects, Insect behavior, Insect vectors, Mosaic, Myzus persicae, Plant disease transmission, Virus diseases (plants), Watermelons.

10735-69
FLEA BEETLES IN SUGAR BEET FIELDS. (GE)
O Schreier
Pflanzenarzt 20(3):27-29
01 Mar 1967 464.9 P482
Chrysomelidae, Insect nutrition, Phyllotreta, Radishes, Rape, Sugar beets, Weeds.

10736-69
EXPERIMENTS WITH TETRASYSTON AND GRANULAR VUAGT-I-4 FOR SUGAR BEET PROTECTION, IN 1965-1966. (CZ)
J Smrz S Gaher
Agrochemia 7(7):204-206
1967 385 AG88
Atomaria linearis, Chemical control (insects), Disulfoton, Phoma betae, Plant protection, Sugar beets, Thiram. English, German and Russian summaries.

10737-69
THE RELATIONSHIP OF SILK BALLING, HUSK LENGTH, HUSK TIGHTNESS AND BLANK TIP TO EARWORM AND SAP BEETLE RESISTANCE IN MAIZE.
R J Snyder
Amer Soc Horticult Sci Proc 91:454-461 REF
1967 81 SO12
Carpophilus lugubris, Corn, Crop varieties, Heliothis zea, Heredity, Insect pests, Plant breeding, Plant pest resistance, Plant physiology, Silk balling.

10738-69
DOMESTIC QUARANTINE NOTICES. IMPORTED FIRE ANT. EXEMPTIONS.
J F Spears
Fed Regist 34(8):7014-7015
29 Apr 1969 L1.451
Hay, Insect pests, Quarantine, Regulations, Solenopsis saevissima richteri, Straw.

10739-69
SOME PROBLEMS REGARDING THE PROTECTION OF APPLES AGAINST SOME SPECIES OF ACARIDAE. (IT)
A Ugolini
Giornate Fitopatol 393-398
26 Mar 1967 SB599.G5
Acaricides, Acaridae, Apples, Panonychus ulmi, Tetranychidae. Various acaricides and their combinations are tested.

10740-69
REACTION OF LEAF LIFE APHIS FABAE SCOP. ON THE QUALITATIVE CHANGES IN THE CONTENT OF FREE AMINO ACIDS PRESENT IN THE VEGETATIVE ORGANS OF EUONYMUS EUROPEA L. AND SEEDY SUGAR-BEET. (CZ)
L Weismann S Halanda
Biologia (bratislava) 23(11):849-856
1968 442.8 B5265
Amino acids, Aphis fabae, Euonymus europaeus, Plant physiology, Sugar beets. Russian and German abstract.

10741-69
INACTIVATION OF VIRUS INHIBITORS IN APHIDS.
C E Yarwood P Kyriakopoulou
Plant Dis Rep 53(2):160
Feb 1969 1.9 P69P
Aphididae, Bentonite, Chemical control (plant diseases), Cowpeas, Cucumbers, Erigeron glaucus, Insect vectors, Magnesium silicate, Mosaic, Myzus persicae, Plant disease transmission, Sugar beets, Virology, Virus diseases (plants).

10742-69
CONTRIBUTION TO THE STUDY OF THE MORPHOLOGY OF LEUCOPTERA SCITELLA ZELL. (SE)

V Zivanovic
Zastita Bilja 18(93/95):233-239
1967 464.8 Z1
Apples, Cherries, Gracillariidae, Insect morphology, Leaves, Leucoptera scitella, Pears, Quinces, Tissues. English summary.

10743-69
INVESTIGATIONS ON THE INSECT PESTS IN THE DIFFERENT TYPES OF OAK FOREST OF THE STRANDJA RANGE (ABSTRACT). (BU)
S Zlatanov
Gorskastapanska Nauk 5(2):67-78
1968 99.8 G683
Forest insects, Insect pests, Plant ecology, Population, Quercus. French and Russian summaries.
164 insect pests of oak trees are identified.

NEMATODES

10744-69
TUBER ROT EELWORM, (DITYLENCHUS DESTRUCTOR).
Dublin Foras Taluntais Plant Sci Crop Husb 109-111
1967 103 D852
Crop yields, Ditylenchus destructor, Nematode infestation, Plant diseases, Potatoes.

10745-69
CEREAL CYST EELWORM, (HETERODERA AVENAE).
J J Duggan
Dublin Faras Taluntais Plant Sci Crop Husb 107-108
1967 103 D852
Barley, Crop varieties, Crop yields, Heterodera avenae, Plant disease resistance, Plant nematode resistance.

10746-69
POTATO CYST EELWORM, (HETERODERA ROSTOCHIENSIS).
J J Duggan
Dublin Faras Taluntais Plant Sci Crop Husb 103-106
1967 103 D852
Crop yields, Cysts, Heterodera rostochiensis, Plant diseases, Plant nematode resistance, Potatoes.

10747-69
ROOT KNOT EELWORM, (MELOIDOGYNE SPECIES).
J J Duggan
Dublin Faras Taluntais Plant Sci Crop Husb 113
1967 103 D852
Lettuce, Meloidogyne, Plant nematodes, Tomatoes.

10748-69
OTHER NEMATODE INVESTIGATIONS.
J J Duggan
Dublin Foras Taluntais Plant Sci Crop Husb 114
1967 103 D852
Mushrooms, Nematode infestation, Plant nematodes.

10749-69
STEM AND BULB EELWORM, (DITYLENCHUS DIPSACI).
J J Duggan
Dublin Foras Taluntais Plant Sci Crap Husb 111-112
1967 103 D852
Chemical control (nematodes), Crop varieties, Ditylenchus dipsaci, Dosage, Nematode infestation, Seed analysis. Control was obtained by treaments with Dazomet, DD fluid, and application of nemafos.

10750-69
VIRUS VECTOR NEMATODES.
J J Duggan J F Moore
Dublin Faras Taluntais Plant Sci Crop Husb 113-114, 115
1967 103 D852
Animal vectors, Longidorus, Plant nematodes, Surveys, Virus diseases (plants), Xiphinema diversicaudatum.

10751-69
LEAF AND BUD EELWORM, (APHELENCHIDIDES SP.).
J J Duggan
Dublin Faras Taluntais Plant Sci Crop Husb 113
1967 103 D852
Aphelenchoides, Nematode infestation, Strawberries, Temperature.

10752-69
ADULT HORNWORM POPULATIONS AND DEGREE OF INFESTATION ON TOBACCO IN RELATION TO COMMUNITY-WIDE GROWER USE OF BLACKLIGHT TRAPS.
S B Hays
J Ecan Entamal 61(3):613-617
Jun 1968 421 J822
Biological control (insects), Imagos, Insect pests, Light traps, Manduca sexta, Population, Tobacco.

10753-69
CONTROL OF MELOIDOGYNE INCOGNITA ON BOXWOOD WITH NEMATICIDAL DRENCHES.
A W Johnson
Plant Dis Rep 53(2):128-130
Feb 1969 1.9 P69P
Buxus microphylla japonica, Chemical control (nematodes), Drenches, Meloidogyne incognita, Nematocides, Plant nematodes.

10754-69
CACTUS CYST NEMATODE, HETERODERA CACTI, IN FLORIDA, WITH HOST LIST.
K R Langdon R P Esser
Plant Dis Rep 53(2):123-125 REF
Feb 1969 1.9 P69P
Heterodera cacti, Mammillaria, Melocactus, Nurseries, Plant hosts, Plant nematodes.

10755-69
CLOVER CYST EELWORM, (HETERODERA TRIFOLII).
F McGloughlin
Dublin Foras Taluntais Plant Sci Crop Husb 109
1967 103 D852
Clover, Heterodera trifolii, Plant nematodes, Sterility, Sugar beets, Vetch.

10756-69
BEET CYST EELWORM, (HETERODERA SCHACHTII).
F McGloughlin
Dublin Foras Taluntais Plant Sci Crap Husb 108-109
1967 103 D852
Cysts, Heterodera schachtii, Nematode infestation, Plant diseases, Surveys.

10757-69
SUGARBEET NEMATODES FOUND ON GARDEN RED BEET IN OHIO.
R E Partyka
Plant Dis Rep 53(2):118
Feb 1969 1.9 P69P
Beets, Heterodera schachtii, Plant injuries, Plant nematodes, Sugar beets, Zoogeography.

10758-69
PHYTOPATHOGENIC NEMATODES IN HESSEN FOREST TREE NURSERIES. (GE
J Rossner
Berlin Biol Bundesanst Land-forstwirtsch Mitt (121):82-87
Feb 1967 410.9 G31M
Conifers, Nematode populations, Plant nematodes, Pratylenchus penetrans, Rotylenchus robutus, Trees. English abstract

10759-69
NEW PHYTONEMATODE FOR THE FAUNA USSR. (CZ)
M Sabova
Bialagia (bratislava) 23(11):907-909
1968 442.8 B5265
Plant nematodes, Taxonomy. Russian abstract.

10760-69
INVASION OF THE HEDYSAREAE BY HETERODERA TRIFOLII.
E V Stehman D C Norton
Plant Dis Rep 53(2):121-123
Feb 1969 1.9 P69P
Aeschynomene virginica, Cysts, Heterodera trifolii, Legumes, Plant nematodes, Sainfoin.

10761-69
OCCURRENCE OF TRICHODORUS SPECIES IN WEST GERMANY. (GE)
D Sturhan
Berlin Biol Bundesanst Land-forstwirtsch Mitt (121):146-151 REF
Feb 1967 410.9 G31M
Catalogs, Nematode populations, Nematode vectors, Plant disease transmission, Trichodorus, Virus diseases (plants). English abstract

10762-69
EXPERIMENTAL TESTS IN THE CONTROL OF HETERODERA SCHACHTII SCHM. (IT)
R Taeconi A Ugolini
Giornate Fitopatal 443-448
26 Mar 1967 SB599.G5
Chemical control (nematodes), Costs, Dichloropropane dichloropropene mixture, Heterodera schachtii, Methyl bromide, Methyl isothiocyanate, Plant nematodes, Sugar beets, Tables (data). Other less effective nematocides were tested.

WEEDS

10763-69
PRE-EMERGENCE HERBICIDES ON CEREAL CROPS.
Dublin Foras Taluntais Plant Sci Crap Husb 8-9,10
1967 103 D852
Chemical control (weeds), Crop varieties, Emergence, Grain, Herbicides, Triazines, Wheat.

10764-69
POST-EMERGENCE HERBICIDES ON CEREAL CROPS.
Dublin Foras Taluntais Plant Sci Crop Husb 9,11
1967 103 D852
Chemical control (weeds), Crop varieties, Emergence, Grain, Herbicides. Nine different herbicides were tested.

10765-69
FURTHER TESTS ON THE USE OF DICHLOROTHIOBENZAMIDE AGAINST WEED INFESTATION IN VINEYARDS. (IT)
M Ambrosi
Giornate Fitopatol 527-532
26 Mar 1967 SB599.G5
Chemical control (weeds), Convolvulus, Cynodon dactylon, Dichlorothiobenzamide, 2,6-, Grape vineyards, Phytotoxicity.

10766-69
NUTSEDGE SUPRESSION UNDER DIFFERENT CROPPING PRACTICES. (ABSTRACT).
R S Baker
Weed Soc Amer Abstr 1967 MEETING:5-6
1967 241 W41
Corn, Cotton, Crop rotation, Cyperus rotundus, Soybeans, Weed control, Yams.

10767-69
EFFECTS OF SEVERAL OILS AND SURFACTANTS ON THE ENHANCEMENT OF ATRAZINE FOR WEED CONTROL IN CORN. (ABSTRACT).
J D Bandeen W C Verstraete
Weed Soc Amer Abstr 1967 MEETING:9-10
1967 241 W41
Atrazine, Chemical control (weeds), Corn, Grasses, Herbicides, Oils, Spraying, Surface-active agents.

10768-69
STUDIES ON THE DETERMINATION OF THE CHEMICAL TO BE USED IN THE CHEMICAL CONTROL OF WOODY PLANTS IN THE AEGEAN REGION. (TU
S Bilgir H Bakirci
Bitki Koruma Bulteni 8(3):214-218
1968 464.8 B542
Chemical control (weeds), Climbing plants, Dosage. English summary.

The chemicals tested were Regulex, Kuron, Banvel-D, Trysben-200, Karmex and Dalapon.

10769-69
INFLUENCE OF HERBICIDES ON ROOT DEVELOPMENT OF BERMUDAGRASS. (ABSTRACT).
S W Bingham
Weed Soc Amer Abstr 1967 MEETING:26
1967 241 W41
Chemical control (weeds), Cynodon dactylon, Field crops, Greenhouse culture, Herbicides, Plant physiology, Roots.

10770-69
SUBMERSED AQUATIC WEED CONTROL IN AN IRRIGATION SYSTEM WITH ACROLEIN. (ABSTRACT).
V F Bruns
Weed Soc Amer Abstr 1967 MEETING:28-29
1967 241 W41
Acrolein, Aquatic weeds, Chemical control (weeds), Irrigation ditches, Potamogeton foliosus, Potamogeton pectinatus, Zannichellia palustris.

10771-69
PROBLEMS OF THE USE OF HERBICIDES IN POTATO CULTURES. (GE)
R Burghausen
Brno Acta Univ Agr Fac Agron 15(3)493-499
1967 S13.B7
Chemical control (weeds), Cultural control (weeds), Herbicides, Potatoes, Tables (data), Weeds.

The interdependence of cultural and chemical control is stressed. Many weeds and herbicides are listed.

10772-69
HERBICIDES CAN BE USED WHILE ESTABLISHING WARM SEASON TURFGRASSES VEGETATIVELY. (ABSTRACT).
E O Burt B L James
Weed Soc Amer Abstr 1967 MEETING:27
1967 241 W41
Chemical control (weeds), Cynodon dactylon, Fertilizers, Grasses, Herbicides, Spraying, Stenotaphrum secundatum, Temperature, Turf.

10773-69
WEED PROBLEMS AND THEIR SOLUTION IN RICE CROPS IN ITALY. (IT
L Chiapparini
Milan Univ Inst Patol Veg Pubbl Raccolta (331):26P MAP REF
1967 464.9 M582
Chemical control (weeds), Crop varieties, Herbicides, Methodology, Rice. Italian summary. Reprint from: Notiziario sulle Malattie delle Piante 76/77 (III ser 3/4).

11 herbicides were tested on rice varieties. 76/77 (III ser 3/4).

10774-69
NEW TESTS OF CHEMICAL WEED CONTROL IN GRAPES IN FRIULI. (IT
A Cosolo Giussani P L Carniel
Giornate Fitopatol 537-542
26 Mar 1967 SB599.G5
Chemical control (weeds), Costs, Dichlorothiobenzamide, 2,6-, Diuron, Grapes, Linuron, Weeds.

10775-69
WEED CONTROL UNDER CLEAR PLASTIC MULCH FOR TRANSPLANTED MUSKMELONS (CUCUMIS MELO L.). (ABSTRACT).
C T Dickerson D W Davis C H Buchholz
Weed Soc Amer Abstr 1967 MEETING:16
1967 241 W41
Chemical control (weeds), Mulches, Muskmelons, Plastics.

10776-69
EFFECTS OF HERBICIDES AND APPLICATION METHODS ON WEEDS IN NURSERY CONTAINERS AND PHYTOTOXICITY TO ORNAMENTAL PLANTS. (ABSTRACT).
C L Elmore D S Farnham J R Breece
Weed Soc Amer Abstr 1967 MEETING:17
1967 241 W41
Chemical control (weeds), Herbicides, Ornamental plants, Pesticide application, Plant injuries, Simazine, Trifluralin.

10777-69
WINGED ELM CONTROL WITH PICLORAM AND 2,4,5-T WITH ADDITIVES (ABSTRACT).
H M Elwell
Weed Soc Amer Abstr 1967 MEETING:24
1967 241 W41
Brush control, Chemical control (weeds), Grasses, Herbicides, Phenoxy acid compounds, Picloram, Spraying, T, 2,4,5-, Ulmus alata.

10778-69
INTERCELLULAR MOVEMENT OF C14 IN CHARA VULGARIS, A NONVASCULAR AQUATIC PLANT. (ABSTRACT).
T O Eurard R D Johnson W E Chappell
Weed Soc Amer Abstr 1967 MEETING:31-32
1967 241 W41
Aquatic plants, Autoradiography, Carbon isotopes, Chara, Chemical control (weeds), Chromatography, D, 2,4-, Light, Phenoxy acid compounds, Plant translocation, Radioactive tracers, Water.

10779-69
SELECTIVITY OF CHLOROXURON AGAINST SOYBEAN AND MORNING GLORY. (ABSTRACT).
R W Feeny
Weed Soc Amer Abstr 1967 MEETING:2
1967 241 W41
Chloroxuron, Herbicides, Ipomoea, Plant growth inhibitors, Soybeans.

10780-69
CHLORFLURAZOLE ON WEEDS IN CEREALS.
C Frost
Dublin Foras Taluntais Plant Sci Crop Husb 9,12
1967 103 D852
Chemical control (weeds), Chlorflurazole, Crop yields, Grain, Herbicides.

10781-69
LONG-TERM EFFECTS OF USE OF PREEMERGENCE CRABGRASS CONTROL CHEMICALS.
D D Hemphill
Weed Soc Amer Abstr 1966 MEETING:73-74
1966 241 W41
Calcium arsenate, Chemical control (weeds), Chlordane, Digitaria, Euphorbia supina, Herbicides.

10782-69
ERADICATION OF CURLYLEAF PONDWEED FROM MANSION POND. (ABSTRACT).
R C Hiltibran
Weed Soc Amer Abstr 1967 MEETING:30
1967 241 W41
Aquatic weeds, Chara, Chemical control (weeds), Endothal, Herbicides, Potamogeton crispus.

10783-69
CONTROL OF REED CANARYGRASS ALONG IRRIGATION CANALS. (ABSTRACT).
J M Hodgson
Weed Soc Amer Abstr 1967 MEETING:28
1967 241 W41
Amitrole, Aquatic weeds, Canals, Chemical control (weeds), Dalapon, Food plants, Irrigation ditches, Phalaris arundinacea, Pyriclor, Trichloroacetic acid.

10784-69
A NEW PLOT TECHNIQUE FOR AQUATIC WEED CONTROL STUDIES. (ABSTRACT).
E B Hollingsworth
Weed Soc Amer Abstr 1967 MEETING:31
1967 241 W41
Aquatic weeds, Chemical control (weeds), Enclosures, Herbicides, Pesticide application.

10785-69
GREENHOUSE STUDIES WITH HYGROSCOPIC COMPOUNDS AS ADDITIVES TO PHENOXY HERBICIDES FOR CONTROL OF SALTCEDAR (TAMARIX PENTANDRA PALL.). (ABSTRACT).
E E Hughes
Weed Soc Amer Abstr 1967 MEETING:51-52
1967 241 W41
Chemical control (weeds), Greenhouse culture, Herbicides, Phenoxy acid compounds, Plant biochemistry, Tamarix pentandra, Weather.

10786-69
PARAQUAT REDUCES BARLEY GRASS IN LUCERNE PASTURE.
T B Kiely
Agr Gaz New S Wales 79(10):612
Oct 1968 23 N472
Alfalfa, Chemical control (weeds), Crop yields, Grasses, Paraquat.

Barley grass was effectively controlled in spring lucerne pastures by spraying with paraquat in late winter at the rate of two pints per acre.

10787-69
A STUDY OF ADDITIVES TO THE AQUEOUS PHASE OF AERIALLY APPLIED INVERT EMULSIONS. (ABSTRACT).
J H Kirch J E Esposito
Weed Soc Amer Abstr 1967 MEETING:21
1967 241 W41
Aerial brush control, Chemical control (weeds), Emulsions, Helicopters, Herbicides.

10788-69
AN ECONOMICAL CONTROL METHOD FOR VEGETATION IN DRAINAGE CANALS. (ABSTRACT).
V T Lapham
Weed Soc Amer Abstr 1967 MEETING:29
1967 241 W41
Aquatic weeds, Chemical control (weeds), Cynodon dactylon, Drainage ditches, Organic compounds, Phenoxy acid compounds, Picloram, Silvex.

10789-69
CONTROL OF WINGED ELM (ULMUS ALATA MICHX.). (ABSTRACT).
S K Lehman F S Davis
Weed Soc Amer Abstr 1967 MEETING:23-24
1967 241 W41
Bromacil, Brush control, Chemical control (weeds), Dicamba, Herbicides, Pesticide application, Phenoxy acid compounds, Picloram, T, 2,4,5-, Ulmus alata.

10790-69
THE FLAME CULTIVATOR AS A TOOL FOR WEED CONTROL IN CORN. (ABSTRACT).
R M Lien J B Liljedahl
Weed Soc Amer Abstr 1967 MEETING:8-9
1967 241 W41
Corn, Cultural control (weeds), Weed burners.

10791-69
SELECTIVE HERBICIDES IN GUAR (CYAMOPSIS TETRAGONOLOBA, TAUB.) (ABSTRACT).
M. Lifshitz B Retig
Weed Soc Amer Abstr 1967 MEETING:6-7
1967 241 W41
Chemical control (weeds), Guar, Herbicides, Legumes.

10792-69
FUEL EVALUATION FOR A MISSOURI PINE PLANTATION RELEASED BY AERIAL SPRAYING.
R M Loomis J S Crosby
U S Forest Serv Res Note N C (64)14P
1968 ASD11.A33
Aerial spraying, Fires, Hardwoods, Herbicides, Spraying.

10793-69
TESTS ON THE CONTROL OF PHRAGMITES COMMUNIS AND OTHER EMERGING AQUATIC WEEDS. (IT)
A Loschiavo
Giornate Fitopatol 557-565 REF
26 Mar 1967 SB599.G5
Aquatic weeds, Chemical control (weeds), Chlorinated hydrocarbons, Dalapon, Diquat, Paraquat, Phragmites communis, Sparganium, Typha.

10794-69
WESTERN WHORLED MILKWEED AND ITS CONTROL IN NEBRASKA. (ABSTRACT).
M K McCarty C J Seifres
Weed Soc Amer Abstr 1967 MEETING:23
1967 241 W41
Asclepias verticillata, Chemical control (weeds), Herbicides.

10795-69
CONTROLLING BERMUDAGRASS IN ASPHALT PAVEMENTS. (ABSTRACT).
W G McCully
Weed Soc Amer Abstr 1967 MEETING:21
1967 241 W41
Asphalts, Chemical control (weeds), Cynodon dactylon, Herbicides, Pavements.

10796-69
TROUBLE IN WILD OAT CONTROL.
A D Mears
Agr Gaz New S Wales 79(4):194-197
Apr 1968 23 N472
Avena fatua, Barban, Chemical control (weeds), Cultural control (weeds), Herbicides, Methodology, Paraquat, Spraying, Triallate, Weed control, Wheat.

Wild oats, Avena fatua, are a considerable pest in wheat crops and cultural methods as well as the proper use of several herbicides are outlined here.

10797-69
SOIL-INCORPORATED HERBICIDES IN FURROW-IRRIGATED ONIONS. (ABSTRACT).
R M Menges J L Hubbard
Weed Soc Amer Abstr 1967 MEETING:18
1967 241 W41
Amaranthus retroflexus, Chemical control (weeds), Echinochloa crusgalli, Herbicides, Irrigation, Mulches, Onions, Pesticide application, Soil sanitation.

10798-69
CONTROL OF THE BIENNIAL THISTLE, ONOPORDUM, BY AMITROLE AND FIVE PERENNIAL GRASSES.
P W Michael
Australian J Exp Agr Anim Husb 8(32):332-339 REF
Jun 1968 23 AU792
Amitrole, Biological control (weeds), Chemical control (weeds), Dactylis glomerata, Festuca arundinacea, Grasses, Lolium perenne, Onopordum acanthium, Onopordum illyricum, Perennial plants, Phalaris tuberosa, Spraying, Subterranean clover.

10799-69
COMPARISON OF SUBSTITUTED URACILS FOR WEED CONTROL IN SUGARCANE. (ABSTRACT).
R W Millhollon
Weed Soc Amer Abstr 1967 MEETING:1
1967 241 W41
Bromacil, Chemical control (weeds), Herbicides, Sugarcane, Terbacil, Toxicology, Uracil compounds.

10800-69
SPURREY.
Great Brit Min Agr Fish Food Adv Leafl (182):4P
Feb 1968 10 G79LA
Accident prevention, Chemical control (weeds), Dosage, Soil analysis, Spergula arvensis.

10801-69
AERIAL SPRAYING.
B J Mitchell
Dublin Foras Taluntais Plant Sci Crop Husb 33
1967 103 D852
Aerial spraying, Chemical control (weeds), Chlorinated hydrocarbons, Dalapon, Dosage, Weeds.

10802-69
AQUATIC WEED CONTROL.
B J Mitchell
Dublin Foras Taluntais Plant Sci Crop Husb 33
1967 103 D852
Amitrole, Aquatic weeds, Chemical control (weeds), Chlorinated hydrocarbons, D, 2,4-, Dalapon, Diquat, Herbicides, Paraquat, Phenoxy acid compounds.

10803-69
CONTROL OF BROAD-LEAF DOCK (RUMEX OBTUSIFOLIUS).
B J Mitchell
Dublin Foras Taluntais Plant Sci Crop Husb 32
1967 103 D852
Aminobenzenesulfonyl)methylcarbamate, N-(4-, Chemical control (weeds), D, 2,4-, Herbicides, Phenoxy acid compounds, Picloram, Rumex obtusifolius.

10804-69
CONTROL OF BRACKEN FERN (PTERIDIUM AQUILINUM).
B J Mitchell
Dublin Foras Taluntais Plant Sci Crop Husb 33-36
1967 103 D852
Chemical control (weeds), Dicamba, Emergence, Herbicides, Picloram, Pteridium aquilinum.

10805-69
CONTROL OF SOFT RUSH (JUNCUS EFFUSUS).
B J Mitchell
Dublin Foras Taluntais Plant Sci Crop Husb 30-32
1967 103 D852
Chemical control (weeds), Fertilizers, Herbicides, Juncus effusus, Methyl-4-chlorophenoxyacetic acid, 2-, Phenoxy acid compounds.

10806-69
FALL AND WINTER APPLICATION OF TRIFLURALIN, A NEW CONCEPT IN WEED CONTROL. (ABSTRACT).
C E Moore J L Barrentine
Weed Soc Amer Abstr 1967 MEETING:2-3
1967 241 W41
Chemical control (weeds), Herbicides, Soil sanitation, Time, Trifluralin.

10807-69
CONTROL OF EMERGED WEEDS IN FLORIDA SUGARCANE WITH PREEMERGENCE HERBICIDES. (ABSTRACT).
J R Orsenigo
Weed Soc Amer Abstr 1967 MEETING:1-2
1967 241 W41
Atrazine, Chemical control (weeds), Herbicides, Sugarcane.

10808-69
YIELDS OF TIMOTHY AND LESPEDEZA AFTER REDUCING COMPETITION FROM GOLDENROD WITH HERBICIDES. (ABSTRACT).
E J Peters J F Stritzke
Weed Soc Amer Abstr 1967 MEETING:23
1967 241 W41
Chemical control (weeds), Crop yields, Herbicides, Phleum, Plant ecology, Solidago.

10809-69
THE TOLERANCE OF SEVERAL FRUIT CROPS TO APPLICATIONS OF TERBACIL. (ABSTRACT).
A A Putnam J Hull
Weed Soc Amer Abstr 1967 MEETING:17
1967 241 W41
Chemical control (weeds), Fruit, Herbicides, Pesticide application, Plant injuries, Roots, Terbacil.

10810-69
OBSERVATIONS IN LONG-TERM EXPERIMENTS WITH WEEDS AND HERBICIDES. (GE)
B Rademacher
Berlin Biol Bundesanst Land-forstwirtsch Mitt (121):177-185
Feb 1967 410.9 G31M
Chemical control (weeds), D, 2,4-, Dicotyledons, Grain, Herbicides, Methyl-4-chlorophenoxyacetic acid, 2-, Root rot, Soil microorganisms, Weed control. English abstract

10811-69
INCREASING THE EFFECTIVENESS OF SOME HERBICIDES WITH PICLORAM FOR CONTROL OF CORN CHAMOMILE IN BARLEY. (ABSTRACT).
J B Regan R D Ilnicki
Weed Soc Amer Abstr 1967 MEETING:11-12
1967 241 W41
Barley, Camomile, Chemical control (weeds), Grain, Herbicides, Picloram.

10812-69
EFFECT OF DENSITY AND CONTROL OF CANADA THISTLE ON PRODUCTION AND UTILIZATION OF ALFALFA PASTURE. (ABSTRACT).
M M Schreiber
Weed Soc Amer Abstr 1967 MEETING:13
1967 241 W41
Agricultural economics, Alfalfa, Cirsium arvense, Pastures, Sheep, Weed control.

10813-69
PELLETED HERBICIDES FOR CONVERSION OF LOW-QUALITY HARDWOOD SITES TO JAPANESE LARCA (LARIX LEPTOLEPIS). (ABSTRACT).
R D Shipman
Weed Soc Amer Abstr 1967 MEETING:22
1967 241 W41
Brush control, Chemical control (weeds), Dicamba, Fenuron, Forests, Formulations, Herbicides, Larix leptolepis, Pesticide application.

10814-69
CONTROL OF WEEDS IN DIRECT-SEEDED ONIONS. (ABSTRACT).
D Smith
Weed Soc Amer Abstr 1967 MEETING:14
1967 241 W41
Chemical control (weeds), Herbicides, Onions, Seed planting.

10815-69
FACTORS AFFECTING THE PERFORMANCE OF MOLINATE FOR CONTROL OF WEEDS IN RICE. (ABSTRACT).
R J Jr. Smith
Weed Soc Amer Abstr 1967 MEETING:3-4
1967 241 W41
Chemical control (weeds), Cyperus, Echinochloa, Fimbristylis, Herbicides, Molinate, Rice.

10816-69
CONTROL OF EURASIAN WATERMILFOIL IN CHESAPEAKE BAY. (ABSTRACT).
J H Steenis V D Stotts
Weed Soc Amer Abstr 1967 MEETING:30-31
1967 241 W41
Aquatic plants, Aquatic weeds, Chemical control (weeds), Chesapeake Bay, Esters, Herbicides, Myriophyllum spicatum.

10817-69
INFLUENCE OF ADJUVANTS ON THE PHYTOXICITY AND FOLIAR ABSORPTION OF PYRAZON. (ABSTRACT).
G R Stephenson A R Putnam
Weed Soc Amer Abstr 1967 MEETING:15
1967 241 W41
Absorption, Beets, Bird rape, Herbicides, Leaves, Plant injuries, Pyrazon, Setaria italica, Spraying, Surface-active agents.

10818-69
RESPONSE OF CRABGRASS SEEDLINGS TO VARIOUS HERBICIDES. (ABSTRACT).
C M Switzer
Weed Soc Amer Abstr 1967 MEETING:26
1967 241 W41
Agrostis alba, Chemical control (weeds), Digitaria, Greenhouse culture, Herbicides, Seed germination, Sorghum, Sorghum vulgare sudanense, Temperature, Time.

10819-69
PRE-EMERGENCE HERBICIDES IN SUGAR BEET.
T M Thomas
Dublin Foras Taluntais Plant Sci Crop Husb 25,26
1967 103 D852
Chemical control (weeds), Dosage, Emergence, Herbicides, Plant injuries, Sugar beets. 5 other herbicides were tested.

10820-69
WEED CONTROL IN KALE AND SWEDES.
T M Thomas
Dublin Foras Taluntais Plant Sci Crop Husb 30
1967 103 D852
Chemical control (weeds), Crop yields, Dosage, Herbicides, Kale, Rutabagas. 3 herbicides were evaluated on medium soils.

10821-69
WEED CONTROL IN CRAMBE ABSYNNICA.
T M Thomas
Dublin Foras Taluntais Plant Sci Crop Husb 30
1967 103 D852
Emergence, Herbicides, Plant biochemistry. Ten pre-emergence herbicides were tested. Best results were obtained with C7019, SD11831, trifluralin and nitrofen.

10822-69
SELECTIVE WEED CONTROL IN DIRECT-SEEDED TOMATOES. (ABSTRACT).
T F Tisdell
Weed Soc Amer Abstr 1967 MEETING:14
1967 241 W41
Chemical control (weeds), Crop yields, Herbicides, Plant injuries, Seed planting, Tomatoes.

10823-69
COOPERATIVE RESEARCH ON THE CONTROL OF TROPICAL AND SUBTROPICAL WOODY PLANTS. (ABSTRACT).
F H Tschirley
Weed Soc Amer Abstr 1967 MEETING:24
1967 241 W41
Brush control, Chemical control (weeds), Defoliation, Herbicides, Paraquat, Pesticide application, Pieloram, Shrubs, Tropical plants.

10824-69
RESEARCH REPORT; RESPONSE OF TROPICAL AND SUBTROPICAL WOODY PLANTS TO CHEMICAL TREATMENTS.
F H Tschirley
U S Agr Res Serv Res Rep CR- (13-67):197P REF
Feb 1968 AS585.T75
Aerial weed control, Chemical control (weeds), Climbing plants, Defoliation, Environment, Forests, Greenhouse culture, Herbicide residues, Herbicides. The names of the chemicals used and plant names are listed.

10825-69
TESTS OF CHEMICAL WEED CONTROL IN VINEYARDS. (IT)
V Tullio D Ponis
Giornate Fitopatol 533-535
26 Mar 1967 SB599.G5
Atrazine, Chemical control (weeds), Chlorinated hydrocarbons, Convolvulus, Dalapon, Dichlorothiobenzamide, 2,6-, Diquat, Grape vineyards. Other less efficient herbicides were tested.

10826-69
TESTS OF CHEMICAL WEED CONTROL IN PEAR ORCHARDS. (IT)
V Tullio C Casarini
Giornate Fitopatol 523-525
26 Mar 1967 SB599.G5
Chemical control (weeds), Dichlorothiobenzamide, 2,6-, Pears, Weeds. Other less effective herbicides were tested.

10827-69
EFFECTS OF PHOSPHORUS FERTILIZER, HERBICIDES AND SEED-BED PREPARATION ON THE ESTABLISHMENT OF ALFALFA AND BIRDSFOOT TREFOIL. (ABSTRACT).
R Valdes W R Furtick J Cardenas
Weed Soc Amer Abstr 1967 MEETING:12-13
1967 241 W41
Alfalfa, Birdsfoot trefoil, Chemical control (weeds), Fertilizers, Herbicides, Phosphorus, Seedbeds.

10828-69
STUDIES ON SOYBEAN-WEED COMPETITION. (ABSTRACT).
L M Wax F W Slife
Weed Soc Amer Abstr 1967 MEETING:38-39
1967 241 W41
Crop yields, Plant ecology, Soybeans, Weeds.

10829-69
ABSTRACTS, 1967 MEETING OF THE WEED SOCIETY OF AMERICA, FEBRUARY 13-16, 1967, WASHINGTON, D. C.
Weed Soc Amer Abstr 99 P.
1967 241 W41
Societies, Weeds.

10830-69
IMPROVING CHEMICAL AND MECHANICAL WEED CONTROL IN CORN WITH FLAMING. (ABSTRACT).
H P Wilson R D Ilnicki
Weed Soc Amer Abstr 1967 MEETING:7
1967 241 W41
Corn, Cultural control (weeds), Weed burners.

OTHER PESTS

10831-69
CYANIDE AS A POISON IN OPOSSUM CONTROL.
I G McIntosh
New Zeal J Agr 116(4):44-45
Apr 1968 23 N48J
Chemical control (pests), Cyanides, Gas poisoning, Methodology, Opossums, Pest control.

LIVESTOCK PROTECTION

10832-69
NUCLEIC ACID CONTENT IN SMALL SAMPLES AND INDIVIDUAL SPINAL CORD CELLS AT DIFFERENT FUNCTIONAL STATES. (RUS)
S H Haidarliu
Biokhimiya 32(4):667-682 REF
1967 385 B523
Biochemistry, Cells, Central nervous system, Deoxyribonucleic acid, Electric stimulation, Laboratory animals, Nucleic acids, Rats, Spinal cord. English summary.

10833-69
APPEARANCE OF CX-REACTIVE PROTEIN IN PLASMA OF RABBITS WITH CORRESPONDING DECREASE IN LIVER CATALASE FOLLOWING 3-AMINO1,2,4-TRIAZOLE ADMINISTRATION. (ABSTRACT).
Y Hokama H Ochiai K Yamada
Fed Amer Soc Exp Biol Fed Proc 22(2):722
Mar 1968 442.9 F31P
Amitrole, Blood plasma, Catalase, Culture media, Kidneys, Liver, Mice, Proteins, Rabbits.

10834-69
FOOD ADDITIVES PERMITTED IN FEED AND DRINKING WATER OF ANIMALS OR FOR THE TREATMENT OF FOOD PRODUCING ANIMALS. FOOD ADDITIVES PERMITTED IN FOOD FOR HUMAN CONSUMPTION. CHLORMADINONE CONSUMPTION.
J K Kirk
Fed Regist 34(83):7165-7167
01 May 1969 L1.451
Dairy cattle, Estrus, Food additives, Regulations.

10835-69
SUBSTRATES OXIDATION OF TRICARBOXYLIC ACID CYCLE IN HEPATOPANCREAS MITOCHONDRIA OF ASTACUS LEPTODACTYLUS (ESCHZ).
L Obuchowicz
Poznanskie Tow Przjaciol Nauk Bull Ser D Sci Biol (SER D,8):149-157 REF
1967 442.9 P872
Adenosine triphosphates, Animal physiology, Animal respiration, Crayfish, Enzymes, Mitochondria, Oxidation, Phosphorylation, Tricarboxylic acid cycle.

10836-69
ALSO A METHOD FOR THE CONTROL OF SPARROWS. (GE)
E R Scherner
Prakt Schadlingsbekampfer 20(8):114-115
Aug 1968 421 P882
Bird control, Bird pests, Sparrows, Starvation.

10837-69
PROCEEDINGS SEVENTIETH ANNUAL MEETING OF THE UNITED STATES LIVESTOCK SANITARY ASSOCIATION.
U S Livestock Sanit Ass Proc 70:618P
10 Oct 1966 49.9 UN3R
Livestock, Livestock diseases, Sanitation, Symposia. Meeting held at Buffalo, n. y.

DISEASES

10838-69
SYMPOSIUM: RECENT ADVANCES IN VETERINARY RESEARCH.
Vet Rec 83(24):604-608
14 Dec 1968 41.8 V641
Animal diseases, Research, Symposia, Veterinary medicine. Summaries of papers and discussions presented to the B.V.A. Congress in Swansea from Sept. 16-20, 1968.

10839-69
VITAMIN E AND ANTIOXIDANTS - REQUIREMENTS AND FUNCTIONS IN CATTLE.
C R Adams H La Roche N J Tley
Pacific Northwest Anim Nutr Conf Offic Proc 85-94 REF
Nov 1967 SF95.P3
Animal nutrition, Antioxidants, Cattle, Deficiency diseases, Diet, Feed, Vitamin e.

10840-69
REQUIREMENTS AND FUNCTIONS OF VITAMIN A IN RUMINANTS.
C R Adams H La Roche N J Nutley
Pacific Northwest Anim Nutr Conf Offic Proc 95-104 REF
Nov 1967 SF95.P3

Animal nutrition, Antibiotics, Deficiency diseases, Diet, Feed, Hormones, Nitrates, Phosphorus, Proteins, Ruminants, Stress, Vitamin a.

10841-69
FELINE ANAPHYLAXIS: SOME OBSERVATIONS.
I D Aitken H B McCusker
Vet Rec 84(3):58-61 REF
18 Jan 1969 41.8 V641
Anaphylaxis, Animal diseases, Antigens, Cats, Freunds adjuvant, Hypodermic injections, Symptomatology.

10842-69
PREVENTION OF LITTERING IN ANIMALS WITH DEHYDROEPIANDROSTERONE 3-(2'-TETRAHYDROPYRANYL)ETHER. PATENT 3,428,733.
G O Allen
Us Potent Office Offic Goz 859(3):938
18 Feb 1969 156.65 OF2
Chemistry, Ethyl ether, Livestock, Patents, Reproduction.

10843-69
FOLIC ACID IN HIGH FISH MEAL DIETS FOR CHICKS AND POULTS.
G H Arscott J A Harper W D McKeen
Pocific Northwest Anim Nutr Conf Offic Proc 1-6
Nov 1967 SF95.P3
Animal nutrition, Biological assay, Chicks, Diet, Feed, Fish meal, Folic acid, Proteins, Turkeys, Vitamins.

10844-69
THE STATES' ROLE IN SALMONELLA CONTROL.
W L Bendix
U S Livestock Sonit Ass Proc 70:465-468
10 Oct 1966 49.9 UN3R
Agricultural regulation, Animal diseases, Bacteria, Disease control, Salmonella.

10845-69
CONTINUOUS USE OF A LIVE VACCINE IN THE DRINKING WATER AGAINST FOWL CHOLERA INFECTION IN TURKEYS. (ABSTRACT).
B W Bierer T H Eleazer
Poultry Sci 47(5):1656
Sep 1968 47.8 AM33P
Bacterial diseases (animals), Drug therapy, Fowl cholera, Pasteurella avicida, Poultry diseases, Turkeys, Vaccines, Water. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10846-69
SOME DATA ON BIOENERGETICS OF THE LARVAE OF TRICHINELLA SPIRALIS.
K Boczon
Poznonskie Tow Przjociol Nouk Bull Ser D Sci Biol (SER D,8):165-170 REF
1967 442.9 P872
Biochemistry, Bioenergetics, Larvae, Metabolism, Mitochondria, Nematodes, Oxidation, Phosphorylation, Succinates, Tricarboxylic acid cycle, Trichinella spiralis.

10847-69
AN ELECTRON MICROSCOPIC STUDY OF EQUINE ABORTION VIRUS INFECTION IN HAMSTERS. (ABSTRACT).
C D Bostwick D M Scarbrough R K Boler J G Brunson
Fed Amer Soc Exp Biol Fed Proc 27(2):664
Mar 1968 442.9 F31P
Abortion, Deoxyribonucleic acid, Electron microscopy, Endoplasmic reticulum, Golgi apparatus, Hamsters, Hepatitis, Infectious diseases, Liver, Viruses.

10848-69
DRUG WITHDRAWAL AS A TOOL IN COCCIDIOSTAT FLOOR PEN TRAILS. (ABSTRACT).
R N Brewer W M Reid J Johnson
Poultry Sci 47(5):1658
Sep 1968 47.8 AM33P
Buquinolate, Chickens, Coccidiosis, Drugs, Meticlorpindol, Nicarbazin, Poultry diseases. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10849-69
EFFECTS OF DIETARY PROTEIN LEVEL ON ACUTE TOXICITY AND METABOLISM OF HEPTACHLOR IN THE LABORATORY RAT. (ABSTRACT).
T C Campbell R E Webb
Fed Amer Soc Exp Biol Fed Proc 27(2):551
Mar 1968 442.9 F31P
Animal nutrition, Blood, Casein, Heptachlor, Liver, Metabolism, Proteins, Rats, Toxicology.

10850-69
NEONATAL CANINE HERPESVIRUS INFECTION: A REVIEW OF PRESENT KNOWLEDGE.
H J C Cornwell N G Wright
Vet Rec 84(1):2-6 REF
04 Jan 1969 41.8 V641
Canine herpesvirus, Dogs, Epizootic diseases, Herpesviruses, Infectious diseases, Respiratory system, Tissue culture, Virology, Virus diseases (animals).

10851-69
THE CARRIER STATE OF ERYSIPELOTHRIX INSIDIOSA IN TURKEYS. (ABSTRACT).
R E Corstvet C H Holmberg
Poultry Sci 47(5):1662
Sep 1968 47.8 AM33P
Animal veetors, Bacterial diseases (animals), Bacterins, Erysipelothrix insidiosa, Immunity, Poultry diseases, Turkeys, Vaeeines. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10852-69
MANGANESE SUPPLEMENTATION FOR COMMERCIAL EGG PRODUCTION. (ABSTRACT).
A C Cox S L Balloun
Poultry Sci 47(5):1664
Sep 1968 47.8 AM33P
Animal nutrition, Calcium, Chickens, Diet, Eggs, Food additives, Manganese, Productivity. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10853-69
RAM EPIDIDYMITIS VACCINATION.
G L Crenshaw B McGowan
U S Livestock Sonit Ass Proc 70:476-479
10 Oct 1966 49.9 UN3R
Bacterins, Brucella abortus, Epididymitis, Immunization, Livestock diseases, Microorganisms, Rams, Serological tests.

10854-69
AN ANIMAL TUMOR REGISTRY AS A SOURCE OF MORBIDITY INFORMATION.
C R Dorn
U S Livestock Sonit Ass Proc 70:443-454 REF
10 Oct 1966 49.9 UN3R
Animal diseases, Epidemiology, Information services, Neoplasms, Research.

10855-69
ETIOLOGY OF AVIAN OSTEOPETROSIS. (ABSTRACT).
R M Dougherty R H Conklin H S Di Stefano
Fed Amer Soc Exp Biol Fed Proc 27(2):681
Mar 1968 442.9 F31P
Antibodies, Avian leukosis complex, Chicks, Culture media, Eggs, Electron microscopy, Osteopetrosis, Poultry diseases, Rous sarcoma virus.

10856-69
NOTICE OF FILING OF PETITION FOR FOOD ADDITIVE NEQUINATE.
R E Duggan
Fed Regist 34(84):7252
02 May 1969 L1.451
Bacterial diseases (animals), Baeterieides, Chickens, Coceidiosis, Food additives, Regulations.

10857-69
FLUORESCENT ANTIBODY AS AN AID IN VIBRIO FETUS IDENTIFICATION.
J W Dunn M B Rhodes O D Graee M J Twiehaus
U S Livestock Sonit Ass Proc 70:139-144
10 Oct 1966 49.9 UN3R
Abortion, Cattle, Fluorescent antibody teehnic, Livestock diseases, Vibrio fetus.

10858-69
THE INACTIVATION OF GENUS MIYAGAWANELLAE MICROORGANISMS WITH THE USE OF CHLORAMINE GROUP CHEMICALS. I. (JPRS 45275) TRANSL. 16943.
Z Forsek A Nevjestic L Rukavina
5P
06 May 1968
Amines, Antiseptics, Mieroorganisms, Miyagawanella group viruses, Virucides, Virus diseases (animals). Translation from Veterinarski glasnik (2):87-90, 1968 issued by JPRS.

10859-69
A HEMAGGLUTINATION-INHIBITION TEST FOR PARAINFLUENZA 3 VIRUS ANTIBODIES.
G H Frank
U S Livestock Sanit Ass Proc 70:59-66 REF
10 Oct 1966 49.9 UN3R
Antibodies, Cattle, Heat, Hemagglutination-inhibition test, Immunochemistry, Kaolin, Parainfluenza-3 virus, Serological tests, Virus diseases (animals).

10860-69
ABSENCE OF INTERACTION BETWEEN CYCLOPROPENOID FATTY ACIDS AND AFLATOXIN IN RATS. (ABSTRACT).
L Friedman H Mohr
Fed Amer Soc Exp Biol Fed Proc 27(2):551
Mar 1968 442.9 F31P
Aflatoxin, Biochemistry, Fatty acids, Lipids, Neoplasms, Nucleic acids, Proteins, Rats.

10861-69
NUMBER OF SALMONELLAE IN UNPASTEURIZED LIQUID EGG. (ABSTRACT).
J A Garibaldi H Lineweaver K Ijichi
Poultry Sci 47(5):1673
Sep 1968 47.8 AM33P
Chickens, Eggs, Pasteurization, Poultry diseases, Salmonella. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10862-69
RESEARCH ON DISEASES OF NEONATAL CALVES.
N L Garlick
U S Livestock Sonit Ass Proc 70:154-161
10 Oct 1966 49.9 UN3R
Cattle, Enteritis, Livestock diseases, Research.

10863-69
ANALYSIS OF THE PRODUCTION OF INTERFERON IN CELL CULTURE WITH CHICK EMBRYO FIBROBLASTS UNDER THE INFLUENCE OF LIVING OR INACTIVATED NEWCASTLE DISEASE VIRUS. COMPARISON WITH PRODUCTION IN THE EGG. (FR)
A German J Panouse-Perrin A M Quero
Acad Sci Compt Rend Ser D Sci Nat 265(3, 2ND SEMESTER):295-298
17 Jul 1967 505 P21
Chick embryos, Eggs, Interferon, Neweastle disease virus, Tissue culture, Virus diseases (animals).

10864-69
THE EFFECT OF THE RIMINO PHENAZENE B663 (G30320) ON PRECLINICAL M. JOHNEI INFECTIONS IN SHEEP.
N J L Gilmour
Brit Vet J 124(11):492-497
Nov 1968 41.8 V643

Clofazimine, Dosage, Drug therapy, Infectious diseases, Intestines, Lesions, Livestock diseases, Mycobacterium johnei, Sheep, Tables (data), Tuberculin. German, French, and Spanish summaries.

10865-69
AGE AND SENSITIVITY OF TROUT TO AFLATOXIN B1. (ABSTRACT).
J E Halver L M Ashley R R Smith G N Wogan
Fed Amer Soc Exp Biol Fed Proc 27(2):552
Mar 1968 442.9 F31P
Aflatoxin, Hepatoma, Liver, Poisoning, Toxicology, Trout.

10866-69
MATERNAL-FETAL SULFUR UTILIZATION IN THE BOVINE. (ABSTRACT).
S L Hansard A S Mohammed
Fed Amer Soc Exp Biol Fed Proc 22(2):729
Mar 1968 442.9 F31P
Cattle, Excreta, Fetus, Metabolism, Placenta, Radioactive tracers, Sulfur.

10867-69
ANGIOSTRONGYLUS CANTONENSIS: PROOF OF DIRECT TRANSMISSION WITH ITS EDIDEMIOLOGICAL IMPLICATIONS.
B Heyneman B Lim
Science 158(3804):1057-1058
24 Nov 1967 470 SCI2
Angiostrongylus cantonensis, Disease transmission, Epidemiology, Rats, Slugs.

10868-69
HOST SUSCEPTIBILITY AND THE EFFECT OF AGING, FREEZING, HEAT AND CHEMICALS ON SPORES OF MYXOSOMA CEREBRALIS.
G L Hoffman R E Putz
Progr Fish-cult 31(1):35-37
Jan 1969 157.5 P94
Aging, Chemicals, Fish, Fungi, Fungus diseases (animals), Spores, Temperature.

10869-69
ULCERATIVE KERATITIS IN THE CAT.
D R Howard
Southwest Vet 22(1,FALL):47-48
1968 41.8 SO82
Antibiotics, Cats, Drug therapy, Eyes, Infectious diseases, Keratitis, Ulcers.

10870-69
ESOPHEAGAL--GASTRIC LESIONS IN THE PIG. (GE)
O Hunziker J Nicolet
Sweiz Arch Tierheilk 110(6):302-308 REF
Jun 1968 41.8 SCH9
Boars, Candida albicans, Candida krusei, Candida pseudomycelia, Candida pseudotropicalis, Candida tropicalis, Lesions, Livestock diseases, Mycosis, Stomach, Swine, Ulcers. English, French and Italian summary.

10871-69
BIOTIN IN PRACTICAL TURKEY RATIONS.
L S Jensen
Pacific Northwest Anim Nutr Conf Offic Proc 7-12
Nov 1967 SF95.P3
Animal nutrition, Biotin, Deficiency diseases, Diet, Feed, Turkeys, Vitamins.

10872-69
THE DIMORPHISM OF GERMINATION OF SPORES OF USTILAGO MAYDIS (DC) CDA ON THE LEAVES OF ZEA MAYS L.. (RU)
I V Karatygin
Akad Nauk Sssr Dokl 183(6):1458-1460 REF
1968 511 P444A
Corn, Fungus diseases (plants), Germination (spores), Plant genetics, Polymorphism, Ustilago maydis.

10873-69
THE NUCLEIC ACID TYPE AND EFFECT OF PH AND HYDROXYLAMINE ON CANINE DISTEMPER VIRUS.
R C Kimes R H Bussell
Arch Gesamte Virusforsch 24(4):387-395 REF
Sep 1968 448.3 AR23
Canine distemper virus, Hydrogen-ion concentration, Hydroxylamine, Morphology, Ribonucleic acid, Virus diseases (animals).

10874-69
NOTICE OF WITHDRAWAL OF PETITION FOR FOOD ADDITIVE ESTRADIOL MONOPALMITATE.
J K Kirk
Fed Regist 34(86):7340
06 May 1969 L1.451
Animal nutrition, Estradiol, Food additives, Hypodermic injections, Palmitic acid compounds, Poultry.

10875-69
A NOTE ON AN OUTBREAK OF RABIES IN HORSES.
S Kumar R M Sharma T S Gulrajani
Cur Sci 38(2):43-44
20 Jan 1969 475 SCI23
Animal diseases, Epidemiology, Horses, Rabies, Symptomatology.

10876-69
THE EFFECT OF SUPPLEMENTS OF PROTEOLYTIC PREPARATIONS ON THE GROWTH OF SUCKLING PIGS. (CZ)
N Lcitnerova
Brno Acta Univ Agr Fac Agron 15(4):619-624 REF
1967 S13.B7
Animal nutrition, Aspergillus oryzae, Baby pigs, Casein, Feed additives, Proteins. English, German and Russian summaries.

10877-69
PANCREATIC DORNASE. DRUGS FOR VETERINARY USE; DRUG EFFICACY STUDY IMPLEMENTATION.
H L Ley
Fed Regist 34(34,PT 1):2366
19 Feb 1969 L1.451
Animal diseases, Cattle, Drugs, Enzymes, Pancreas, Veterinary medicine.

10878-69
UNCOUPLING EFFECT OF CYTOPLASMIC FRACTION OF TRICHINELLA SPIRALIS LARVAE ON BIOENERGETICS OF RAT MUSCLE MITOCHONDRIA.
J W Michejda K Boczon
Poznanskie Tow Przjaciol Nauk Bull Ser D Sci Biol (SER D,8):159-164
1967 442.9 P872
Animal diseases, Biochemistry, Bioenergetics, Cytoplasm, Glutamate, Larvae, Mitochondria, Nematodes, Oxidation, Phosphorylation, Rats, Succinates, Tricarboxylic acid cycle, Trichinella spiralis, Trichinosis.

10879-69
EFFECTS OF DIETARY PROTEIN SOURCE UPON NUTRIENT BALANCE IN THE BABY PIG. (ABSTRACT).
E R Miller N Eshiet D E Ullrey B L Bradley P K Ku
Fed Amer Soc Exp Biol Fed Proc 22(2):726
Mar 1968 442.9 F31P
Animal nutrition, Baby pigs, Blood composition, Casein, Egg whites, Excreta, Minerals, Nitrogen, Proteins, Soybeans.

10880-69
QUELEA CONTROL AND RESEARCH UNIT.
P S T Miric
Kenya Dep Agr Ann Rep 1:95
1966 24 AF8A
Acrial spraying, Birds, Chemical control (pests), Fenthion, Spraying, Wildlife management.

10881-69
PREVENTION OF LEG DEFECTS IN ZINC-DEFICIENT CHICKS BY ANTIARTHRITIC AGENTS. (ABSTRACT).
F H Nielsen M L Sunde W G Hockstra
Fed Amer Soc Exp Biol Fed Proc 27(2):484
Mar 1968 442.9 F31P
Animal abnormalities, Chicks, Deficiency diseases, Drug therapy, Histamine, Legs, Proteins, Soybeans, Zinc.

10882-69
TUBERCULOUS SPONDYLITIS IN A HORSE.
S W Nielsen F R Spratling
Brit Vet J 124(11):503-508
Nov 1968 41.8 V643
Alkaline phosphatase, Globulins, Horses, Illustrations, Livestock diseases, Serum, Spondylitis, Tuberculosis. German, French, and Spanish summaries.

10883-69
CLINICAL AND PATHOLOGICAL ASPECTS OF PULMONARY ADENOMATOSIS IN SHEEP.
D I Nisbet J M K Mackay W Smith
Vet Rec 83(24):605
14 Dec 1968 41.8 V641
Diagnosis, Laboratory animals, Livestock diseases, Pulmonary adenomatosis, Sheep, Viruses. Summary only: British Veterinary Assoc. Congress, Sept. 16-20, 1968.

10884-69
EXPERIENCES WITH MYCOPLASMA SYNOVIAE TEST PROGRAM. (ABSTRACT).
N O Olson H Chute R F Cuozzo E Bryant
Poultry Sci 47(5):1704
Sep 1968 47.8 AM33P
Agglutination test, Chickens, Mycoplasma synoviae, Poultry diseases, Surveys. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10885-69
GROWTH OF ALEUTIAN DISEASE VIRUS IN MINK. (ABSTRACT).
D D Porter A E Larsen H G Porter
Fed Amer Soc Exp Biol Fed Proc 27(2):664
Mar 1968 442.9 F31P
Aleutian disease, Blood serum, Infectious diseases, Liver, Lymph nodes, Minks, Neoplasms, Spleen, Viruses.

10886-69
THE ACTIVITY OF PROTEINASE IN POTATO TISSUES AFFECTED BY PECTOBACTERIUM PHYTOPHTHORUM. (RU)
I I Ragozina Iu I Shneider D V Lipsits
Akad Nauk Sssr Dokl 184(1):242-245 REF
1969 511 P444A
Fungus diseases (plants), Plant physiology, Potatoes, Proteinases.

10887-69
AVIAN MYCOPLASMA SEROTYPES.
D H Roberts
Vet Rec 83(24):611
14 Dec 1968 41.8 V641
Chickens, Infectious diseases, Mycoplasma gallinarum, Mycoplasma gallisepticum, Poultry diseases, Respiratory diseases, Serological tests, Sinusitis, Turkeys. Summary only: British Veterinary Assoc. Congress, Sept. 16-20, 1968.

10888-69
EARLY STAGES OF AFLATOXIN CARCINOGENESIS IN NORMAL AND LIPOTROPE-DEFICIENT RATS. (ABSTRACT).
A E Rogers P M Newberne
Fed Amer Soc Exp Biol Fed Proc 27(2):607
Mar 1968 442.9 F31P
Aflatoxin, Carcinogens, Deficiency diseases, Fats, Liver, Metabolism, Mitosis, Neoplasms, Radioactive tracers, Rats.

10889-69
THE EFFECT OF LOW COPPER ON COLLAGEN FORMATION IN THE CHICK. (ABSTRACT).
R B Rucker J C Rogler H E Parker
Fed Amer Soc Exp Biol Fed Proc 27(2):481
Mar 1968 442.9 F31P
Aldehydes, Amines, Animal nutrition, Animal physiology, Bones, Chicks, Collagen, Copper, Deficiency diseases, Hydroxyproline, Liver.

10890-69
AN IMPROVEMENT OF THE INDIRECT COONS' TEST FOR DETECTING ANTIBODIES AGAINST INTRAERYTHROCYTIC PROTOZOA, WITH SPECIAL REFERENCE TO THE GENUS THEILERIA. (GE)
R Schindler D Mehlitz
Z Tropenmed Parasitol 19(4):430-441 REF
Dec 1968 448.8 Z37
Anaplasma, Antibodies, Babesia, Cattle, Erythrocytes, Fluorescence, Livestock diseases, Serological tests, Serum, Theilera. English summary.

10891-69
REPRODUCTION IN DOGS CHRONICALLY FED METHYL TESTOSTERONE (MT) OR 6-CHLORO-17-ACETOXY PROGESTERONE (CAP) WITH DIELDRIN. (ABSTRACT).
B S Shane H O Dunn L Krook W J Visek
Fed Amer Soc Exp Biol Fed Proc 27(2):469
Mar 1968 442.9 F31P
Animal abnormalities, Dieldrin, Dogs, Methyl testosterone, Progesterone compounds, Reproduction.

10892-69
THE REGULATORY AND RESEARCH EFFORTS IN RESPONSE TO THE OCCURRENCE OF EQUINE INFECTIOUS ANEMIA AT RACETRACKS IN 1965-1966.
W L Sippel
U S Livestock Sanit Ass Proc 70:238-244
10 Oct 1966 49.9 UN3R
Agricultural regulation, Equine infectious anemia, Race horses, Research, Time, Virus diseases (animals).

10893-69
PREVALENCE OF TRICHINELLOSIS AMONG WILD AND DOMESTIC ANIMALS IN THE NENETSK DISTRICT. (RUS)
E V Sorochenko
Med Parazitol Parazitarn Bolezni 37(3,MAY,JUN):366-367
1968 448.8 M469
Epidemiology, Infectious diseases, Trichinoscopes, Trichinosis. English summary

10894-69
SALMONELLOSIS.
J H Steele
U S Livestock Sanit Ass Proc 70:457-464 REF
10 Oct 1966 49.9 UN3R
Animal diseases, Bacteria, Human diseases, Salmonella abortivoequina, Salmonella cubana, Salmonella gallinarum, Salmonella pullorum, Salmonella typhimurium, Salmonellosis.

10895-69
THE EFFICIENCY OF ZINC BACITRACIN IN THE FEEDING RATION FOR PIGLETS. (CZ)
A Sterba J Havlicek
Brno Acta Univ Agr Fac Agron 15(4):659-664
1967 S13.B7
Animal nutrition, Baby pigs, Feed additives, Tetracycline, Zinc bacitracin. English, German and Russian summaries.

10896-69
DIET CONSUMPTION, BODYWEIGHT CHANGE, ESTRUS INHIBITION AND REPRODUCTIVE PERFORMANCE IN GILTS FED A DITHIOCARBAMOYLHYDRAZINE (ICI 33828).
F W Stratman N L First
J Anim Sci 28(3):353-358 REF
Mar 1969 49 J82
Animal physiology, Diet, Estrus, Hormones, Methallihure, Pregnancy, Reproduction, Swine.

10897-69
PROPHYLACTIC EFFICACY OF NIFURSOL AGAINST HISTOMONIASIS IN TURKEYS 4-9, 8-13, AND 13-18 WEEKS OF AGE. (ABSTRACT).
T W Sullivan O D Grace
Poultry Sci 47(5):1724
Sep 1968 47.8 AM33P
Blackhead, Dosage, Drug therapy, Heterakis gallinae, Histomonas meleagridis, Mortality, Nifursol, Poultry diseases, Turkeys. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10898-69
COMPARATIVE PROTECTION TESTS OF DIFFERENT COMMERICAL ANTI-HOG CHOLERA SERUMS AGAINST REGULAR AND VARIANT HOG CHOLERA VIRUSES.
J P Torrey M R Zinober
U S Livestock Sanit Ass Proc 70:288-294
10 Oct 1966 49.9 UN3R
Hog cholera vaccines, Hog cholera virus, Livestock diseases, Serum, Swine, Virus diseases (animals).

10899-69
INTERFERENCE BY TRANSMISSIBLE GASTROENTERITIS IN THE IMMUNIZATION OF PIGS AGAINST HOG CHOLERA WITH CRYSTAL VIOLET GLYCEROL VACCINE.
J P Torrey
U S Livestock Sanit Ass Proc 70:358-368
10 Oct 1966 49.9 UN3R
Crystal violet vaccine, Gastroenteritis, Hog cholera, Hog cholera vaccines, Immunization, Interference phenomenon, Livestock diseases, Swine, Virus diseases (animals).

10900-69
BIBLIOGRAPHY OF EQUINE INFECTIOUS ANEMIA.
D C Tudor
U S Livestock Sanit Ass Proc 70:261-283 REF
10 Oct 1966 49.9 UN3R
Bibliography, Equine infectious anemia, Horses, Virus diseases (animals).

10901-69
TRANSMISSIBLE VENEREAL TUMOUR IN A BOXER BITCH.
J B Tutt
Vet Rec 84(1):13-14
04 Jan 1969 41.8 V641
Animal diseases, Boxer dogs, Diagnosis, Disease transmission, Dogs, Infectious diseases, Neoplasms, Secretions, Venereal diseases.

10902-69
EFFECT OF ADDED ASCORBIC ACID ON COPPER DIFICIENCY IN MINIATURE SWINE. (ABSTRACT).
R W Voelker W W Carlton
Fed Amer Soc Exp Biol Fed Proc 27(2):481
Mar 1968 442.9 F31P
Anemia, Animal nutrition, Ascorbic acid, Copper, Deficiency diseases, Dried milk, Swine.

10903-69
MUSCULAR DYSTROPHY IN THE CORNISH CHICKEN. (ABSTRACT).
W D Wagner R A Peterson
Poultry Sci 47(5):1729-1730
Sep 1968 47.8 AM33P
Muscular dystrophy, Poultry, Poultry diseases, Symptomatology. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10904-69
THE CAPILLARY TUBE AGGLUTINATION TEST IN THE CONTROL OF ANAPLASMOSIS.
C J Welter
U S Livestock Sanit Ass Proc 70:79-84 REF
10 Oct 1966 49.9 UN3R
Agglutination test, Anaplasma marginale, Anaplasmosis, Capillaries, Cattle, Drug therapy, Immunization, Livestock diseases, Serological tests, Tetracycline.

10905-69
MAGNESIUM DEFICIENCY AND TISSUE IONS. (ABSTRACT).
D L Woodward D J Reed
Fed Amer Soc Exp Biol Fed Proc 27(2):752
Mar 1968 442.9 F31P
Blood plasma, Brain, Calcium, Deficiency diseases, Ions, Magnesium, Minerals, Muscles, Rabbits, Tissues.

10906-69
POSSIBLE ROUTE OF TOXICITY OF RAT PUPS INJECTED WITH CYCASIN. (ABSTRACT).
M G Yang O Mickelsen V L Sanger
Fed Amer Soc Exp Biol Fed Proc 27(2):552
Mar 1968 442.9 F31P
Cells, Cycasin, Injections, Liver, Metabolism, Rats, Ribosomes, Toxicology.

ARTHROPODS

10907-69
CHEMICAL CONTROL OF THE NORTHERN FOWL MITE ON THE LAYING HEN. (ABSTRACT).
E L Bramhall C B Nelson W V Miller H G Simkover
Poultry Sci 47(5):1658
Sep 1968 47.8 AM33P
Chemical control (insects), Chickens, Chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl phosphate, 2-, Dichlorvos, Ornithonyssus sylviarum, Parasitic insects. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10908-69
CONTROLLING LICE IN BEEF HERDS--IS IT ECONOMIC .
R E Freer R J Gahan
Agr Gaz New S Wales 79(5):308-309
May 1968 23 N472
Anoplura, Beef cattle, Cattle, Chemical control (insects), Haematopinus eurysternus, Nucidol.

A significant increase of weight gain occurred in cattle sprayed twice with nucidol to protect them from lice.

10909-69
1969 SUGGESTED INSECTICIDE GUIDE. INSECT CONTROL FOR LIVESTOCK AND LIVESTOCK BARNS.
Ill Univ Ext Circ (898):4P
Dec 1968 275.29 IL62C
Accident prevention, Barns, Carbamates, Chemical control (insects), Chlorinated hydrocarbons, Dosage, Insect pests, Insecticide application, Insecticides, Livestock, Organophosphorus compounds.

Limitations for 18 suggested insecticides applied to livestock or in livestock barns are given.

10910-69
TICK-BORNE DISEASES OF CATTLE.
J C MacKellar J Donnelly
Vet Rec 83(24):609
14 Dec 1968 41.8 V641
Babesia divergens, Cattle, Insect vectors, Ixodes ricinus, Ixodides, Livestock diseases, Rickettsia phagocytophila. Summary only: British Veterinary Assoc. Congress, Sept. 16-20, 1968.

PARASITES

10911-69
PRELIMINARY OBSERVATIONS ON THE CONTROL OF FASCIOLA HEPATICA WITH THE MOLLUSCICIDE N-TRITYLMORPHOLINE.
R J Cawdry N O Crossland M S Bennett
Vet Rec 84(8):182-184 REF
22 Feb 1969 41.8 V641
Fasciola hepatica, Livestock diseases, Molluscacides, Parasitism, Pest control, Sheep, Tritylmorpholine, N-.

10912-69
OBSERVATIONS ON THE EFFECT IN MICE OF CONCURRENT INFECTIONS WITH MIGRATORY ASCARIS COLUMNARIS LARVAE AND CERTAIN NEUROTROPIC ARBOVIRUSES.
G M Clark C B Philip L Fadness
Folia Parasitol 16(1):67-73 REF
1969 436.8 C33
Arboviruses, Ascaris, California encephalitis, Central nervous system, Colorado tick fever, Eastern equine encephalomyclitis, Epizootic diseases, Infectious diseases, Mice, Mortality.

10913-69
INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY. SUBJECTS: TREMATODA AND TREMATODE DISEASES. PART 10: CHECKLIST OF GENERIC, SPECIFIC, AND SUBSPECIFIC NAMES, N-Z.
M A Doss
620P
Dec 1968 A241.73 AG3
Animal diseases, Catalogs, Trematoda, Veterinary medicine, Zoology.

10914-69
PRECIPITINS IN TOXOCARA CANIS INFECTIONS IN RABBITS.
S T Fernando
Ceylon Vet J 16(1/2,MAR-JUN):11-15
1968 41.8 C33
Antigens, Diagnosis, Guinea pigs, Helminths, Immunization, Precipitin test, Rabbits, Serological tests, Serum, Toxocara canis.

10915-69
ON THE MEANING OF TRICHOSTRONGYLID EGG COUNTS IN CATTLE.
J F Michel
Vet Rec 83(24):604
14 Dec 1968 41.8 V641
Cattle, Gastroenteritis, Livestock diseases, Nematodes, Ostertagia ostertagi, Parasitism, Population, Trichostrongylosis. Summary only: British Veterinary Assoc. Congress, Sept. 16-20, 1968.

10916-69
RECENT ADVANCES IN KNOWLEDGE OF PATHOGENESIS AND TREATMENT OF FASCIOLIASIS.
K B Sinclair
Vet Rec 83(24):609
14 Dec 1968 41.8 V641
Anthelmintics, Blood, Carbon tetrachloride, Cattle, Fasciola hepatica, Fascioliasis, Liver, Oxyclozanide, Parasitism, Sheep, Swine. Summary only: British Veterinary Assoc. Congress, Sept. 16-20, 1968.

10917-69
ECOLOGICAL CONDITIONS FOR OCCURRENCE OF CILIA IN INTESTINES OF NEMATODES.
I Zmoray A Guttekova
Biologia (bratislava) 24(2):97-112 REF
1969 442.8 B5265
Ecology, Electron microscopy, Histology, Intestines, Nematode morphology, Soil microorganisms.

COMMODITY PROTECTION

STORAGE DISEASES

10918-69
ON THE WAYS OF INFLUENCE PRODUCED BY THE ENZYMES OF EURYGASTER INTEGRICEPS PUT. ON THE CARYOPSIS OF WHEAT. (RU
N A Vilkova I D Shapiro
Akad Nauk Sssr Dokl 183(6):1456-1457 REF
1968 511 P444A
Enzymes, Eurygaster integriceps, Flour, Scutelleridae, Storage diseases, Wheat.

ARTHROPODS

10919-69
ENTOMOLOGY.
P S T Mirie
Kenya Dep Agr Ann Rep 1:40-42
1966 24 AF8A
Biological control (insects), Entomology, Insect pests, Stored products.

MICROBIAL CONTAMINATION

10920-69
MICROBIOLOGICAL DECONTAMINATION OF AFLATOXIN-CONTAMINATED EDIBLES. PATENT 3,428,458.
A Ciegler E B Lillehoj
Us Patent Office Offic Gaz 859(3):889
18 Feb 1969 156.65 OF2
Aflatoxin, Chemistry, Food, Food contamination, Microbiology, Patents.

ENVIRONMENTAL CONTAMINATION

10921-69
THE PERSISTENCE OF SIMAZINE IN SOIL. (ABSTRACT).
J F Ahrens
Weed Soc Amer Abstr 1967 MEETING:75-76
1967 241 W41
Herbicide residues, Mulches, Plastics, Simazine, Soil contamination.

10922-69
MOVEMENT AND PERSISTENCE OF METHANEARSONATES IN SOIL. (ABSTRACT).
R Dickens A E Hiltbold
Weed Soc Amer Abstr 1967 MEETING:77-78
1967 241 W41
Diffusion, Herbicide residues, Hydrogen-ion concentration, Methanearsonic acid compounds, Soil adsorption, Soil chemistry, Soil contamination.

10923-69
CHEMICAL VS. MICROBIAL DEGRADATION OF AMITROLE IN SOIL. (ABSTRACT).
D D Kaufman
Weed Soc Amer Abstr 1967 MEETING:78-79
1967 241 W41
Amitrole, Biochemistry, Chemical reactions, Decomposition, Microbiology, Soil microorganisms.

10924-69
DEGRADATION OF INSECTICIDES BY A SOIL FUNGUS, TRICHODERMA VIRIDE.
F Matsumura G M Boush
J Econ Entomol 61(3):610-612
Jun 1968 421 J822
Biochemistry, Carbamates, Chlorinated hydrocarbons, Decomposition, Insecticides, Organophosphorus compounds, Soil fungi, Soil sanitation.

10925-69
FARMERS LUNG.
H D S Morgan
Vet Rec 83(24):633
14 Dec 1968 41.8 V641
Antibodies, Dust (soil), Farmer's lung, Grasses, Hay, Human diseases, Micropolyspora faeni, Mycosis, Occupational diseases. Summary only: British Veterinary Assoc. Congress, Sept. 16-20, 1968.

10926-69
POLLUTIONAL ASPECTS OF PESTICIDES IN NATURAL STREAMS.
C W Randall
Amer Water Resources Ass Bull 3(3):47-53 REF
Sep 1967 292.9 AM34
Chlorinated hydrocarbons, Legislation, Pest control, Pesticides, Streams, Water pollution.

10927-69
METABOLISM OF MONOSODIUM METHANE ARSONIC ACID BY SOIL MICROORGANISMS. (ABSTRACT).
D W VonEndt P C Kearney D D Kaufman
Weed Soc Amer Abstr 1967 MEETING:78
1967 241 W41
Arsenic compounds, Chromatography, Herbicides, Metabolism, Monosodium acid methanearsonate, Soil microorganisms.

RESIDUES

10928-69
PESTICIDE RESIDUES IN HUMAN TISSUE.
Dublin Foras Taluntais Plant Sci Crop Husb 17
1967 103 D852
Chlorinated hydrocarbons, Humans, Pesticide residues, Tissues.

10929-69
THE EFFECTS OF ACCUMULATED FLUORIDE ON YIELDS AND FRUIT QUALITY OF 'WASHINGTON' NAVEL ORANGES.
R F Brewer M J Garber F B Guillmet F H Sutherland
Amer Soc Horticult Sci Proc 91:150-156 REF
1967 81 SO12
Crop yields, Hydrofluoric acid, Oranges, Plant physiology, Quality control, Residues, Sodium chloride, Sodium fluoride, Spraying.

10930-69
NOTICE OF FILING OF PETITION REGARDING PESTICIDE CHEMICALS.
R E Duggan
Fed Regist 34(66):6261
08 Apr 1969 L1.451
Eggs, Fenthion, Insecticide residues, Metabolites, Milk, Poultry, Tolerances.

10931-69
NOTICE OF FILING OF PETITION REGARDING PESTICIDE CHEMICALS.
R E Duggan
Fed Regist 34(83):7179-7180
01 May 1969 L1.451
Alfalfa, Carbonates, Fruit, Fungicide residues, Insecticide residues, Squash, Tolerances, Walnuts.

10932-69
2-ETHYLAMINO-4-ISOPROPYLAMINO-6-METHYLTHIO-S-TRIAZINE. NOTICE OF ESTABLISHMENT OF TEMPORARY TOLERANCE.
R E Duggan
Fed Regist 34(82):7092
30 Apr 1969 L1.451
Corn, Herbicide residues, Tolerances, Triazine.

10933-69
NOTICE OF FILING OF PETITION REGARDING PESTICIDE CHEMICALS.
R E Duggan
Fed Regist 34(17):1274
25 Jan 1969 L1.451
Chemicals, Herbicides, Metabolites, Nitrophenyl-2-nitro-4-(trifluoromethyl)phenylether, p-, Pesticide residues, Soybeans.

10934-69
PESTICIDE RESIDUES IN WILDLIFE.
J F Eades
Dublin Foras Taluntais Plant Sci Crop Husb 18
1967 103 D852

Birds, Chlorinated hydrocarbons, Eggs, Fish, Mercury compounds, Pesticide residues, Tissues, Wildlife.

10935-69
OECD STUDY OF ORGANOCHLORINE PESTICIDE RESIDUES IN TERRESTRIAL AND AQUATIC WILDLIFE.
J F Eades
Dublin Foras Taluntais Plant Sci Crop Husb 20-21
1967 103 D852
Aquatic birds, Chlorinated hydrocarbons, Mussels, Pesticide residues, Pesticides, Wildlife. Residues of 10 pesticides were established.

10936-69
ESTIMATION OF DICHLOFLUANID RESIDUES.
J F Eades
Dublin Foras Taluntais Plant Sci Crop Husb 17
1967 103 D852
Botrytis, Fungicides, Fungus diseases (plants), Onions, Pesticide residues, Strawberries.

10937-69
THE USE OF TETRAHYMENA PYRIFORMIS EHREN. FOR THE DETECTION OF RESIDUES OF ORGANIC FUNGICIDES. (IT)
S Foschi E Olmo
Giornate Fitopatol 119-127
26 Mar 1967 SB599.G5
Captan, Chlorinated hydrocarbons, Dosage, Folpet, Fungicides, Hydroxytriphenyltin, Organic compounds, Pesticide residues, Protozoa, Statistical analysis, Tables (data), Tetrahymena pyriformis, Triphenyltin acetate.

10938-69
RATES OF ACCUMULATION OF C-14-DIELDRIN RESIDUES IN TISSUES OF GOLDFISH EXPOSED TO A SINGLE SUBLETHAL DOSE OF C-14-ALDRIN.
J H Gakstatter
Can Fish Res Board J 25(9):1797-1801
Sep 1968 442.9 C16J
Aldrin, Carassius, Dieldrin, Insecticide residues, Metabolism, Radioactive tracers.

After goldfish were exposed for eight hours to 0.05 ppm of C-14 aldrin, C-14 dieldrin was detected in various tissues. The conversion of C-14 aldrin to C-14 dieldrin increased with time until at thirty-two days 93.9 per cent of the residues recovered from the tissues studied except visceral fat were dieldrin.

10939-69
THE EFFECT OF SOME INSECTICIDES ON THE ANIMAL ORGANISM. A CONTRIBUTION TO THE STUDY OF THE HYGIENIC-SANITARY PROBLEM OF THE RESIDUES OF THE ORGANOPHOSPHORUS INSECTICIDES. (IT)
A Giachetti C Grasso
Giornate Fitopatol 23-28 REF
26 Mar 1967 SB599.G5
Animal physiology, Animals, Biochemistry, Hygiene, Insecticide residues, Laboratory animals, Organophosphorus compounds, Parathion, Testing.

10940-69
ANTIBIOTICS: TRANSFER OF RESISTANCE, EFFECTIVENESS, AND CURRENT USAGE.
W G Huber
U S Livestock Sanit Ass Proc 70:427-433 REF
10 Oct 1966 49.9 UN3R
Antibiotics, Drugs, Humans, Immunity, Residues, Veterinary medicine.

10941-69
DURSBAN INSECTICIDE PERSISTENCE IN GRASS AND CORN FORAGE.
D B Leuck M C Bowman E W Beck
J Econ Entomol 61(3):689-690
Jun 1968 421 J822
Corn, Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate, O, f, Food contamination, Forage plants, Grasses, Insecticide application, Insecticide residues, Insecticides, Organophosphorus compounds, Silage, Spraying.

10942-69
THE EFFECT OF CHLOROPHOS UPON THE CONTENT OF CERTAIN VITAMINS IN THE TISSUE OF RATS. (RUS)
V M Nizhegorodov I T Kalinin
Vop Pitan 27(4 JUL-AUG):80-81
1968 389.8 V89
Insecticide residues, Rats, Tissues, Trichlorfon, Vitamins.

10943-69
ATRAZINE DRIFT STUDIES WITH HORTICULTURAL CROPS. (ABSTRACT).
R R Romanowski M K Wono
Weed Soc Amer Abstr 1967 MEETING:18-19
1967 241 W41
Atrazine, Beans, Cucumbers, Herbicide residues, Plant injuries, Spraying, Vegetables, Wind.

10944-69
PERSISTANCE OF PYRAZON IN SUGAR BEETS IN MICHIGAN. (ABSTRACT).
D T Smith W F Meggitt
Weed Soc Amer Abstr 1967 MEETING:74-75
1967 241 W41
Chemical control (weeds), Food contamination, Herbicide residues, Plant biochemistry, Pyrazon, Soil sanitation, Sugar beets.

TOXICOLOGY

10945-69
THE ISOLATION OF THE TOXIC PRINCIPLE OF DAPHNE.
W J Balkenhol
Diss Abstr Sect B 29(3):929B
Sep 1968 Z5055.U49D53
Daphne, Ornamental plants, Poisonous plants, Thymelaeccae, Toxicology.

10946-69
A STUDY OF THE TOXICITY OF AN ORGANOPHOSPHORUS INSECTICIDE AND ITS RESIDUES. (IT)
A R Canniello
Giornate Fitopatol 81-85
26 Mar 1967 SB599.G5
Dimethoate, Insecticide residues, Insecticides, Organophosphorus compounds, Testing, Toxicity.

10947-69
EFFECT OF SIMAZINE ON QUALITY AND COMPOSITION OF TREE FRUIT. (ABSTRACT).
D B Carlson S K Ries
Weed Soc Amer Abstr 1967 MEETING:16
1967 241 W41
Biological assay, Fruit, Herbicides, Nitrogen, Plant biochemistry, Plant composition, Quality control, Simazine.

10948-69
COMPARATIVE EFFECTS OF TRETAMINE, TEPA, APHOLATE AND THEIR STRUCTURAL ANALOGS ON HUMAN CHROMOSOMES IN VITRO.
T H Chang W Klassen
Chromosoma 24(3):314-323 REF
13 Aug 1968 442.8 C46
Chemosterilants, Chromosomes, Ethylenimine, Genetics, Mutagens, Tissue culture, Toxicology.

10949-69
ESTROGENIC ACTION OF DDT AND ITS ANALOGS. (ABSTRACT).
W Levin R M Welch A H Conney
Fed Amer Soc Exp Biol Fed Proc 27(2):649
Mar 1968 442.9 F31P
Chlorinated hydrocarbons, Diethylstilbestrol, DDT, Enzymes, Estradiol, Estrogens, Fatty acids, Glucose, Lipids, Metabolism, Methoxychlor, Ovaries, Pesticides, Proteins, Rats, Ribonucleic acid, Surgery, Toxicology, Uterus.

10950-69
HYDROLYSIS OF MALATHION BY CHICKEN AND RAT LIVER CARBOXYESTERASE. (ABSTRACT).
J M J Ning W W Marion
Poultry Sci 47(5):1701-1702
Sep 1968 47.8 AM33P
Biochemistry, Chickens, Enzymes, Esterases, Hydrolysis, Liver, Malathion, Organophosphorus compounds, Rats. Abstract of paper presented at the 57th Annual Meeting of the Poultry Science Association.

10951-69
EFFECTS OF CHRONIC ENDRIN ADMINISTRATION ON BRAIN ELECTRICAL ACTIVITY IN THE SQUIRREL MONKEY. (ABSTRACT).
A M Revzin
Fed Amer Soc Exp Biol Fed Proc 27(2):597
Mar 1968 442.9 F31P
Biochemistry, Brain, Electrophysiology, Endrin, Monkeys, Toxicology.

10952-69
STUDIES ON THE ANTICHOLINESTERASE EFFECTS OF METHYL PARATHION, GUTHION, DICHLORVOS, AND GARDONA IN HUMAN SUBJECTS. (ABSTRACT).
J A Rider H C Moeller E J Puletti J Swader
Fed Amer Soc Exp Biol Fed Proc 27(2):597
Mar 1968 442.9 F31P
Azinphosmethyl, Blood plasma, Chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl phosphate, 2-, Cholinesterases, Dichlorvos, Erythrocytes, Humans, Methyl parathion, Organophosphorus compounds, Pesticides, Toxicology.

10953-69
SOME HARMFUL PLANTS OF SOUTHEAST ASIA.
J H Stover
National Naval Medical Center, Bethesda, Maryland 50P
1967 QK100.V5N3
Injuries, Plant geography, Poisonous plants, Skin diseases.

This publication contains useful information for anyone entering new and unfamiliar territory who would encounter new, unknown and unrecognized species of plants. Plant names, descriptions, habitats and injuries caused by the plants are given.

10954-69
THE TOXICITY OF NINE THERAPEUTIC AND HERBICIDAL COMPOUNDS TO STRIPED BASS.
T C Wellborn
Progr Fish-cult 31(1):27-32 REF
Jan 1969 157.5 P94
Biochemistry, Fish, Herbicides, Therapeuties, Toxicology.

Compounds tested: copper sulfate, diquat, dylox, formalin, globe terramycin pet tabs, karmex, potassium permanganate, polyotic, and simazine.

10955-69
SAFETY EVALUATION OF THE PESTICIDE DIAZINON BY A TWO-YEAR FEEDING TRIAL IN RHESUS MONKEYS. (ABSTRACT).
G Woodard M Woodard M T I Cronin
Fed Amer Soc Exp Biol Fed Proc 27(2):597
Mar 1968 442.9 F31P
Cholinesterases, Diazinon, Insecticides, Monkeys, Organophosphorus compounds, Toxicology.

PLANT PHYSIOLOGY & BIOCHEMISTRY

10956-69
COMPARISON OF THREE SOIL-INCORPORATED HERBICIDES, TRIFLURALIN, BENEFIN, AND SD-11831, ON THE GROWTH OF COTTON SEEDLINGS. (ABSTRACT).
W P Anderson J W Whitworth

Weed Soc Amer Abstr 1967 MEETING:4-5
1967 241 W41
Bencfin, Cotton, Grcenhouse culture, Herbicidcs, Methylsulfonyl)-2,6-dinitro-n,n-dipropylanilinc,4-(, Plant growth inhibitors, Plant physiology, Soil sanitation, Trifluralin.

10957-69
FACTORS AFFECTING ADSORPTION OF ATRAZINE AND DIPHENAMID BY THREE VARYING SOIL TYPES. (ABSTRACT).
R A Ashley E M Rahn
Weed Soc Amer Abstr 1967 MEETING:70
1967 241 W41
Atrazine, Biochemistry, Chemical control (weeds), Diphenamid, Herbicides, Soil adsorption, Soil serics.

10958-69
THE INFLUENCE OF ENDOTHAL, DICHLOBENIL, AND BROMOXYNIL, ON PROTEOLYTIC ACTIVITY IN THE COTYLEDONS OF SQUASH SEEDLINGS. (ABSTRACT).
F M Ashton D Penner S Hoffmann
Weed Soc Amer Abstr 1967 MEETING:56-57
1967 241 W41
Bromoxynil, Dichlobenil, Endothal, Herbicides, Plant biochemistry, Plant physiology, Squash.

10959-69
EFFECT OF N6BENZYLADENINE ON SEED GERMINATION AND SEEDLING GROWTH OF APPLE (MALUS SYLVESTRIS MILL.).
M Badizadegan R F Carlson
Amer Soc Horticult Sci Proc 91:1-8 REF
1967 81 SO12
Apples, Benzyladenine, n6, Crop varieties, Embryos, Growth factors, Seed germination, Seed treatment, Scedlings.

10960-69
PHYTOTOXICITY OF CERTAIN HERBICIDES TO SEVERAL WOODY ORNAMENTALS.
S W Bingham J R Joncs
Amer Soc Horticult Sci Proc 91:786-791 REF
1967 81 SO12
Chlorosis, Dichlobenil, Herbicides, Ornamental plants, Plant injurics, Plant physiology, Plant transpiration, Symptomatology, Toxicology, Trifluralin.

10961-69
THE DISTRIBUTION, CONTENT, AND MOVEMENT OF PICLORAM AFTER FOLIAR AND SOIL APPLICATIONS ON HUISACHE. (ABSTRACT).
R W Bovey M G Merkle F S Davis
Weed Soc Amer Abstr 1967 MEETING:40-41
1967 241 W41
Acacia farncsiana, Chromatography, Leaves, Pesticide application, Picloram, Plant biochemistry, Plant physiology, Plant translocation, Soil sanitation.

10962-69
THE INFLUENCE OF MAGNESIUM ON THE TOXICITY OF ATRAZINE. (ABSTRACT).
R G Brenchley A P Appleby
Weed Soc Amer Abstr 1967 MEETING:52
1967 241 W41
Atrazinc, Herbicides, Magnesium, Oats, Plant biochcmistry, Plant injuries, Plant nutrition, Tomatocs.

10963-69
THE EFFECT OF 3-AMINO-1,2,4-TRIAZOLE ON THE INCORPORATION OF CERTAIN AMINO ACIDS INTO THE SOLUBLE PROTEIN OF BEAN PLANTS. (ABSTRACT).
J C Brown M C Carter
Weed Soc Amer Abstr 1967 MEETING:61
1967 241 W41
Amino acids, Amitrole, Beans, Herbicides, Plant biochemistry, Plant physiology, Protcins.

10964-69
SOME DATA ON THE CONDITIONS FOR OBTAININE AN EPICOTYLARY GROWTH INHIBITION IN GINKGO BILOBA L. UNDER THE INFLUENCE OF GIBBERILLIC ACID. (FR)
C Bulard M T Le Page-Degivry
Acad Sci Compt Rend Ser D Sci Nat 266(4, IST SEMESTER):356-359
22 Jan 1968 505 P21
Gibberellic acid, Ginkgo biloba, Plant growth inhibitors, Plant physiology.

10965-69
ABSORPTION AND TRANSLOCATION OF 2,4-D-2-C14 BY WOLFTAIL (CAREX CHEROKEENSIS SCHWEIN). (ABSTRACT).
E R Burns G A Buchanan A E Hiltbold
Weed Soc Amer Abstr 1967 MEETING:42-43
1967 241 W41
Absorption, Carex, Chemical control (weeds), D, 2,4-, Herbicides, Phenoxy acid compounds, Plant biochemistry, Plant physiology, Plant translocation.

10966-69
EFFECTS OF N-DIMETHYL AMINO SUCCINAMIC ACID (B-NINE) ON FLOWER LONGEVITY AND VEGETATIVE GROWTH OF POT CHRYSANTHEMUMS (CHRYSANTHEMUM MORIFOLIUM RAMAT).
J W Buxton J R Culbert
Amer Soc Horticult Sci Proc 91:645-652
1967 81 SO12
Chrysanthemum morifolium, Dosage, Longevity, Plant physiology, Plant regulators, Succinic acid, 2,2-dimethylhydrazide.

10967-69
CHARACTERISTICS OF DOUGLAS-FIR LOGS IN RELATION TO AMBROSIA BEETLE ATTACK.
J A Chapman E D A Dyer
Forest Sci 15(1):95-101 REF
Mar 1969 99.8 F7632
Forest insects, Humidity, Pseudotsuga menziesii, Starches, Trypodendron lineatum, Wood properties.

10968-69
INTERACTION OF GIBBERELLIC ACID AND LIGHT ON THE GERMINATION AND GROWTH OF SEEDLINGS OF GOSSYPIUM HERBACEUM L. VAR. DIGVIJAY.
A R Chavan P I Chaudhari
Indian J Plant Physiol 10(1):76-83 REF
1967 450 IN23
Cotton, Gibberellic acid, Hypocotyl, Light, Plant growth inhibitors, Plant physiology, Seed germination, Seedlings, Tables (data).

10969-69
THE EFFECT OF SIMAZINE CONCENTRATION ON NITRATE REDUCTASE LEVELS IN SEVERAL PLANT SPECIES. (ABSTRACT).
H Chmiel S K Ries
Weed Soc Amer Abstr 1967 MEETING:60
1967 241 W41
Corn, Echinochloa crusgalli, Enzymes, Herbicides, Nitrate reductase, Plant biochemistry, Rye, Simazine.

10970-69
EFFECT OF ACTIVATED CARBON AND OTHER ADSORBENTS ON THE BIOLOGICAL ACTIVITY OF CERTAIN HERBICIDES. (ABSTRACT).
D L Coffey G F Warren
Weed Soc Amer Abstr 1967 MEETING:52
1967 241 W41
Activated carbon, Cucumbers, Herbicides, Plant biochemistry, Soil adsorption, Sorghum.

10971-69
AMIBEN GLUCOSIDE FORMATION AS A POSSIBLE MECHANISM OF HERBICIDAL TOLERANCE IN PLANTS. (ABSTRACT).
S R Colby
Weed Soc Amer Abstr 1967 MEETING:68
1967 241 W41
Amiben, Glycosides, Herbicides, Plant biochemistry, Plant physiology, Plants.

10972-69
INTERACTION EFFECTS OF PESTICIDE COMBINATIONS ON FOUR PLANTS. (ABSTRACT).
F T Corbin J J Sheets
Weed Soc Amer Abstr 1967 MEETING:73
1967 241 W41
Chemical reactions, Corn, Cotton, Cucumbers, Pcsticides, Plant biochemistry, Wheat.

10973-69
EFFECT OF CYCOCEL ON FOOT AND ROOT ROTS, LODGING AND YIELD OF SPRING WHEAT.
P C Cunningham
Dublin Foras Taluntais Plant Sci Crop Husb 94-95
1967 103 D852
Chlorocthyl)trimethylammonium chloride, (2-, Crop losses, Foot rot, Fungus diseases (plants), Lodging, Plant biochemistry, Plant physiological diseases, Plant physiology, Root rot, Wheat.

10974-69
EFFECT OF MOISTURE STRESS ON THE ABSORPTION AND TRANSPORT OF HERBICIDES IN WOODY PLANTS. (ABSTRACT).
F S Davis M G Merkle R W Bovey
Weed Soc Amer Abstr 1967 MEETING:44
1967 241 W41
Absorption, Chemical control (weeds), Chromatography, Herbicides, Picloram, Plant physiology, Plant translocation, Plant water relations, Prosopis, Shrubs.

10975-69
VEGETATIVE STIMULATION OF CONCORD GRAPES FOLLOWING WEED CONTROL WITH DIURON, MONURON, AND SIMAZINE. (ABSTRACT).
J H Dawson V F Bruns W J Clore
Weed Soc Amer Abstr 1967 MEETING:53
1967 241 W41
Chemical control (weeds), Crop varieties, Diuron, Grapes, Herbicides, Monuron, Plant biochemistry, Plant physiology, Simazine. Abstract of 1967 Weed Society of America meeting

10976-69
DICTYOSTELIUM DISCOIDEUM: A GAMMA-RAY RESISTANT ORGANISM.
R A Deering
Science 162(3859):1289-1290 REF
13 Dec 1968 470 SCI2
Cells, Cobalt isotopes, Dictyostelium discoideum, Dosage, Gamma rays, Myxomycetes, Plant physiology, Resistance.

10977-69
INFLUENCE OF ATRAZINE ON THE NITRATE CONTENT OF CORN. (ABSTRACT).
J D Doll W F Meggitt
Weed Soc Amer Abstr 1967 MEETING:9-10
1967 241 W41
Atrazine, Biological assay, Corn, Herbicides, Nitrates, Plant biochemistry.

10978-69
STUDIES ON THE MODE OF ACTION OF 2-CHLORO-N-ISOPROPYLACETANILIDE. (ABSTRACT).
W B Duke F W Slife J B Hanson
Weed Soc Amer Abstr 1967 MEETING:50
1967 241 W41
Chloro-N-isopropylacetanilide, 2-, Herbicides, Plant biochemistry, Plants.

10979-69
THE EFFECTS OF TRIFLURALIN ON THE NUCLEIC ACIDS AND CARBOHYDRATES CONTENT OF SWEET POTATOES AND PEANUTS. (ABSTRACT).
I E Dukes P K Biswas
Weed Soc Amer Abstr 1967 MEETING:59
1967 241 W41
Carbohydrates, Herbicides, Nucleic acids, Peanuts, Plant biochemistry, Plant physiology, Sweetpotatoes, Trifluralin.

10980-69
ABSORPTION, TRANSLOCATION AND ACCUMULATION OF LABELED N-DIMETHYLAMINOSUCCINAMIC ACID IN APPLE TISSUES.
I. J Edgerton W J Greenhalgh
Amer Soc Horticult Sci Proc 91:25-30
1967 81 SO12
Absorption, Apples, Carbon isotopes, Plant biochemistry, Plant growth inhibitors, Plant physiology, Plant translocation, Spraying, Succinic acid, 2,2-dimethylhydrazide, Tissues.

10981-69
TWO TYPES OF POST-EMERGENCE ACTIVITY OF CIPC. (ABSTRACT).
Y Eshel G F Warren
Weed Soc Amer Abstr 1967 MEETING:48-49
1967 241 W41
Chemical control (weeds), Chlorinated hydrocarbons, Chlorosis (plants), Chlorpropham, Herbicides, Photosynthesis, Plant biochemistry, Plant physiology, Plant respiration, Spraying.

10982-69
EFFECTS OF IOXYNIL ON RESPIRATION. (ABSTRACT).
T E Ferrari D E Eland
Weed Soc Amer Abstr 1967 MEETING:57-58
1967 241 W41
Herbicides, Ioxynil, Plant biochemistry, Plant physiology, Plant respiration.

10983-69
ACORN MOISTURE CONTENT CRITICAL FOR CHERRYBARK OAK GERMINATION.
U S Forest Serv Res Note N C (63):2P
1968 ASD11.A33
Acorns, Humidity, Plant growth inhibitors, Plant physiology, Quercus falcata, Seed germination.

10984-69
FURTHER STUDIES ON ROOT EXUDATION OF EXOGENOUS GROWTH REGULATORS IN PHASEOLUS VULGARIS L. (ABSTRACT).
C L Foy W Hurtt
Weed Soc Amer Abstr 1967 MEETING:40
1967 241 W41
Biological assay, Chromatography, Dicamba, Exudates, Herbicides, Kidney beans, Pieloram, Plant biochemistry, Plant physiology, Plant regulators, Plant translocation, Roots.

10985-69
THE EFFECT OF BROMOXYNIL AND DICAMBA ON THE WATER USE OF BARLEY AND TARTARY BUCKWHEAT GROWN ALONE AND TOGETHER. (ABSTRACT).
H A Friesen D A Dew
Weed Soc Amer Abstr 1967 MEETING:11-12
1967 241 W41
Barley, Biochemistry, Bromoxynil, Buckwheat, Dicamba, Herbicides, Plant physiology, Water consumptive use.

10986-69
ETHYLENE, LIGHT, AND STRESS IN THE GROWTH AND DEVELOPMENT OF PISUM SATIVUM L. CV. ALASKA.
J D Goeschl
Diss Abstr Sect B 29(3):899B
Sep 1968 Z5055.U49D53
Biochemistry, Ethylene, Growth factors, Light, Peas, Plant morphology, Plant physiology.

10987-69
INTERACTION OF ALAR AND GIBBERELLIN ON GROWTH AND FLOWERING OF THE APPLE.
W J Greenhalgh L J Edgerton
Amer Soc Horticult Sci Proc 91:9-17 REF
1967 81 SO12
Apples, Dosage, Gibberellins, Plant growth inhibitors, Plant physiology, Potassium gibberellate, Succinic acid, 2,2-dimethylhydrazide.

10988-69
THE METABOLISM OF TRIFLURALIN BY PEANUTS AND SWEET POTATOES. (ABSTRACT).
W Hamilton P K Biswas
Weed Soc Amer Abstr 1967 MEETING:62
1967 241 W41
Herbicides, Peanuts, Plant biochemistry, Plant metabolism, Plant physiology, Sweetpotatoes, Trifluralin.

10989-69
EFFECTS OF PROLONGED USE OF CERTAIN HERBICIDES ON SOIL MICROORGANISMS. (ABSTRACT).
D D Hemphill M L Fields
Weed Soc Amer Abstr 1967 MEETING:36
1967 241 W41
Culture media, Dichlorophenyl) O-methyl isopropylphosphoramidothioate, Od, Herbicides, Plant physiology, Pythium debaryanum, Soil microorganisms.

10990-69
ATRAZINE INDUCED ULTRASTRUCTURAL CHANGES OF BARNYARDGRASS CHLOROPLASTS. (ABSTRACT).
E R Hill E C Putala J Vengris
Weed Soc Amer Abstr 1967 MEETING:47
1967 241 W41
Atrazine, Chemical control (weeds), Chloroplasts, Echinochloa crusgalli, Herbicides, Plant biochemistry, Plant cytology, Plant physiology.

10991-69
MODES OF ACTION OF 3-AMINO-1,2,4-TRIAZOLE (AMITROLE). (ABSTRACT).
J L Hilton D D Kaufman
Weed Soc Amer Abstr 1967 MEETING:48
1967 241 W41
Algae, Amitrole, Bacteria, Fungi, Histidine, Microorganisms, Plant biochemistry, Salmonella typhimurium, Yeasts.

10992-69
SOME EFFECTS OF ENVIRONMENT AND SPECIES ON ABSORPTION AND METABOLISM OF AMIBEN IN PLANTS. (ABSTRACT).
R A Hodgson
Weed Soc Amer Abstr 1967 MEETING:64-65
1967 241 W41
Absorption, Amiben, Barley, Cucumbers, Environment, Herbicides, Plant biochemistry, Plant metabolism, Radioactive tracers, Soybeans.

10993-69
ABSORPTION, TRANSLOCATION, AND METABOLISM OF CIPC IN PLANTS. (ABSTRACT).
R H Hodgson
Weed Soc Amer Abstr 1967 MEETING:65-66
1967 241 W41
Absorption, Chlorinated hydrocarbons, Chlorpropham, Field crops, Herbicides, Plant biochemistry, Plant metabolism, Plant physiology, Plant translocation, Radioactive tracers.

10994-69
SELECTIVITY OF LINURON ON PARSNIP AND TOMATO. (ABSTRACT).
E J Hogue G F Warren
Weed Soc Amer Abstr 1967 MEETING:47-48
1967 241 W41
Herbicides, Linuron, Parsnips, Plant biochemistry, Plant translocation, Tomatoes.

10995-69
IDENTIFICATION OF TOBACCO MOSAIC COAT PROTEIN AFTER THE INJECTION OF TOBACCO MOSAIC VIRUS RNA INTO THE COMMON SLIME MOLD. (ABSTRACT).
D Humm J H Humm
Fed Amer Soc Exp Biol Fed Proc 27(2):772
Mar 1968 442.9 F31P
Electrophoresis, Molds, Mosaic, Proteins, Ribonucleic acid, Tobacco, Virus diseases (plants), Viruses.

10996-69
EFFECT OF GIBBERELLIC ACID ON COLOR CHANGES IN THE RIND OF THREE SWEET ORANGE CULTIVARS (CITRUS SINENSIS BLANCO).
M A Ismail R H Biggs M F Oberbacher
Amer Soc Horticult Sci Proc 91:143-149 REF
1967 81 SO12
Citrus sinensis, Color, Crop varieties, Gibberellic acid, Oranges, Plant biochemistry, Synthesis.

10997-69
THE EFFECT OF ZN ON YIELD AND CHEMICAL COMPOSITION OF SWEET CORN IN THE WILLAMETTE VALLEY.
T L Jackson J Hay D P Moore
Amer Soc Horticult Sci Proc 91:462-471 REF
1967 81 SO12
Corn, Crop yields, Iron, Lime, Phosphorus, Plant biochemistry, Plant nutrition, Plant physiology, Zinc.

10998-69
HERBICIDE RESISTANCE IN AVENA FATUA L. (WILD OAT). (ABSTRACT).
R Jacobsohn R N Andersen
Weed Soc Amer Abstr 1967 MEETING:36
1967 241 W41
Avena fatua, Barban, Diallate, Greenhouse culture, Herbicide resistant plants, Plant biochemistry, Plant physiology, Triallate.

10999-69
THE MODE OF ACTION OF DIPHENAMID IN PLANTS. (ABSTRACT).
C D Kesner S K Ries
Weed Soc Amer Abstr 1967 MEETING:49-50
1967 241 W41
Absorption, Aspergillus candidus, Chemical control (weeds), Diphenamid, Echinochloa crusgalli, Plant biochemistry, Plant translocation, Tomatoes, Trichoderma viride.

11000-69
METHYL M-HYDROXYCARBANILATE M-METHYLCARBANILATE. NOTICE OF ESTABLISHMENT OF TEMPORARY TOLERANCE.
J K Kirk
Fed Regist 34(80):6985
26 Apr 1969 L1.451
Carbanilates, Herbicide residues, Herbicides, Sugar beets, Tolerances.

11001-69
SOIL INCORPORATION AND SITE OF UPTAKE FOR PREEMERGENCE HERBICIDES. (ABSTRACT).
E L Knake A P Appleby W R Furtick
Weed Soc Amer Abstr 1967 MEETING:45-46
1967 241 W41
Absorption, Chemical control (weeds), Greenhouse culture, Herbicides, Plant biochemistry, Setaria viridis, Soil sanitation.

11002-69
ADSORPTION, LEACHING AND LATERAL DIFFUSION OF FOUR THIOLCARBAMATE HERBICIDES IN SOIL. (ABSTRACT).
E Koren C L Foy F M Ashton
Weed Soc Amer Abstr 1967 MEETING:72
1967 241 W41
Biochemistry, Chemical control (weeds), Diffusion, Echinochloa crusgalli, Herbicides, Plant biochemistry, Soil adsorption, Soil leaching, Soil sanitation, Thiocarbamates.

11003-69
A COMPARISON OF THE EFFECTS OF LINURON ON PHOTOSYNTHESIS AND RESPIRATION OF CARROT AND COMMON RAGWEED. (ABSTRACT).
H Kuratle E M Rahn
Weed Soc Amer Abstr 1967 MEETING:19-20
1967 241 W41
Ambrosia artemisifolia, Carrots, Linuron, Photosynthesis, Plant biochemistry, Plant respiration.

11004-69
STUDIES ON ALTERING TRANSPORT AND ACCUMULATION OF I4C ASSIMILATES IN PLANTS. (ABSTRACT).
O A Leonard T W Donaldson D E Bayer
Weed Soc Amer Abstr 1967 MEETING:39
1967 241 W41
Alfalfa, Autoradiography, Beans, Carbon isotopes, Ceanothus integerrimus, Plant translocation, Radioactive tracers, Subterranean clover.

11005-69
THE ACTION OF GIBBERILLIC ACID ON RHIZOGENESIS IN STEM PIECES OF PEAS (PISUM SATIVUM L.) CULTIVATED IN VITRO IN PRESENCE OF AUXIN IN DARKNESS OR IN LIGHT. (FR)
R Leroux
Acad Sci Compt Rend Ser D Sci Nat 266(2, 1ST SEMESTER):106-108
08 Jan 1968 505 P21
Gibberellic acid, Light, Pisum sativum, Plant growth regulator, Plant hormones, Roots, Tissue culture.

11006-69
TOXIC EFFECTS OF BLACK FIBER POTS ON TOMATO TRANSPLANTS.
E F Maas R M Adamson
Amer Soc Horticult Sci Proc 91:556-560
1967 81 SO12
Calcium nitrate, Fibers, Plant growth inhibitors, Plant physiology, Seedlings, Tomatoes, Toxins, Transplanting, Vermiculite.

11007-69
EFFECT OF TIME AND TEMPERATURE OF STORAGE ON VIABILITY OF BOTRYTIS CONVOLUTA CONIDIA AND SCLEROTIA.
J L Maas
Plant Dis Rep 53(2):141-144
Feb 1969 1.9 P69P
Botrytis convoluta, Conidia, Fungus diseases (plants), Plant physiology, Plant temperature, Sclerotia, Seed germination, Soil-borne plant diseases, Storage, Time.

11008-69
ASPECTS OF THE PHYSIOLOGY OF HERBICIDAL ACTION OF DICAMBA IN PURPLE NUTSEDGE (CYPERUS ROTUNDUS L.). (ABSTRACT).
A C Magalhaes C L Foy
Weed Soc Amer Abstr 1967 MEETING:44
1967 241 W41
Autoradiography, Chemical control (weeds), Chromatography, Cyperus rotundus, Dicamba, Herbicides, Metabolism, Plant physiology, Plant translocation.

11009-69
ENDOGENOUS GROWTH REGULATING FACTORS IN BARK OF eM 1X AND XVI APPLE TREES.
G C Martin E A Stahly
Amer Soc Horticult Sci Proc 91:31-38
1967 81 SO12
Apples, Bark, Hydroxy cinnamic acid, p-, Phenols, Phlorizin, Plant growth inhibitors, Plant physiology, Plant regulators.

11010-69
PHYSICAL AND BIOLOGICAL ATTRIBUTES OF SEVERAL AMIBEN DERIVATIVES. (ABSTRACT).
S R McLane M D Parkins A R Cooke
Weed Soc Amer Abstr 1967 MEETING:69
1967 241 W41
Amiben, Biochemistry, Chemical control (weeds), Herbicides, Physical chemistry, Plant biochemistry.

11011-69
GROWTH AND CONTROL OF JOHNSONGRASS ECOTYPES. (ABSTRACT).
C G McWhorter
Weed Soc Amer Abstr 1967 MEETING:36-37
1967 241 W41
Chemical control (weeds), Dalapon, Disodium methancarsonate, Fertilizers, Nitrogen, Plant biochemistry, Plant physiology, Sorghum halepense, Time.

11012-69
HONEY MESQUITE STEM STRUCTURE AND SEASONAL GROWTH CYCLE. (ABSTRACT).
R E Meyer R H Haas
Weed Soc Amer Abstr 1967 MEETING:35-36
1967 241 W41
Plant anatomy, Plant physiology, Prosopis glandulosa, Stems, Tissues, Weeds.

11013-69
PYRETHRUM.
P S T Mirie
Kenya Dep Agr Ann Rep 1:50-51
1966 24 AF8A
Carbamates, Chrysanthemum, Fertilizers, Herbicides, Nurseries, Plant biochemistry, Plant genetics, Pyrethrum, Urea compounds.

11014-69
INFLUENCE OF BUTYL ETHER 2,4-D AND AMMONIUM SULPHAMATE PREPARATE ON THE GRASS STAND OF BRUSH STEPPE IN THE FLOOD PLAIN OF THE RIVER BELAYA. (RUS)
B M Mirkin E A Obydennova
Moskov Obshch Ispytalelei Prirody Byul Otd Biol 73(2):123-126 REF
1968 511 M85
Ammonium sulfamate, D, 2,4-, Grasses, Plant biochemistry, Plant physiology. English summary.

11015-69
COMPARISON OF RADIOISOTOPIC AND GAS CHROMATOGRAPHIC METHODS FOR MEASURING ABSORPTION AND TRANSLOCATION OF 2,4,5-T BY MESQUITE. (ABSTRACT).
H L Morton F S Davis M G Merkle
Weed Soc Amer Abstr 1967 MEETING:45
1967 241 W41
Absorption, Chemical control (weeds), Chromatography, Herbicides, Measurement, Phenoxy acid compounds, Plant biochemistry, Plant physiology, Plant translocation, Prosopis, Radioisotopes, T, 2,4,5-.

11016-69
PHYTOTOXIC SYNERGISM WITH SOIL APPLIED HERBICIDE-INSECTICIDE COMBINATIONS. (ABSTRACT).
R G Nash
Weed Soc Amer Abstr 1967 MEETING:73
1967 241 W41
Corn, Cotton, Disulfoton, Diuron, Herbicides, Insecticides, Oats, Pesticide synergists, Phorate, Plant biochemistry, Plant injuries, Soil sanitation.

11017-69
STUDIES ON THE GROWTH REGULATOR CCC (2 CHLOROETHYL TRIMETHYL AMMONIUM CHLORIDE) ON WHEAT.
M Neenan
Dublin Foras Taluntais Plant Sci Crop Husb 6-8
1967 103 D852
Chloroethyl)trimethylammonium chloride, (2-, Crop varieties, Herbicides, Nitrogen, Plant biochemistry, Plant physiology, Plant regulators, Wheat.

11018-69
EFFECT OF TRIFLURALIN ON OXYGEN UPTAKE AND OXIDATIVE PHOSPHORYLATION IN ISOLATED MITROCHONDRIA. (ABSTRACT).
N S Negi H H Funderburk D P Schultz D E Davis
Weed Soc Amer Abstr 1967 MEETING:58-59
1967 241 W41
Corn, Herbicides, Mitochondria, Oxygen, Phosphorylation, Plant biochemistry, Plant physiology, Plant respiration, Sorghum, Soybeans, Trifluralin.

11019-69
THREE YEARS OF TESTS WITH CYCOCEL AND ITS MISCIBILITY WITH HERBICIDES. (GE)
A Niemoller
Gesunde Pflanzen 20(12):259-262
Dec 1968 464.8 G33
Cercosporella herpotrichoides, Chemical control (weeds), Chloroethyl)trimethylammonium chloride, (2-, Crop varieties, Fungus diseases (plants), Herbicides, Ioxynil, Plant disease resistance, Plant growth inhibitors, Urea, Wheat.

11020-69
SITE OF UPTAKE OF PRE-EMERGENCE HERBICIDES. (ABSTRACT).
R K Nishimoto A P Appleby W R Furtick
Weed Soc Amer Abstr 1967 MEETING:46-47
1967 241 W41
Absorption, Greenhouse culture, Herbicides, Oats, Plant biochemistry.

11021-69
HIGHER SURVIVAL RATE OF HIGHLY IRRADIATED BARLEY IN A POT TEST, AFTER FERTILIZATION WITH (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE (CCC) AND AMMONIUM SULFATE. (GE
J D Oswald E Haunold K Kaindl
19(2):132-137 REF
May 1968
Ammonium sulfate, Barley, Chloroethyl)trimethylammonium chloride, (2-, Fertilizers, Irradiation, Plant biochemistry, Plant protection, Variance analysis. English summary.

11022-69
UPTAKE AND TOLERANCE OF LITHIUM CHLORIDE BY TUNG TREES.
J T Racse B G Sitton
Amer Soc Horticult Sci Proc 91:802-809 REF
1967 81 SO12
Absorption, Chlorosis, Dosage, Leaves, Lithium, Lithium chloride, Magnesium, Necrosis, Plant injuries, Plant physiology, Plant translocation, Seedlings, Tung oil tree.

11023-69
THE METABOLISM OF PYRAZON IN RED BEETS. (ABSTRACT).
S K Ries G R Stephenson M J Zabik
Weed Soc Amer Abstr 1967 MEETING:67-68
1967 241 W41
Beets, Chromatography, Herbicides, Plant biochemistry, Plant metabolism, Plant physiology, Pyrazon, Spectroscopy.

11024-69
INVESTIGATION OF THE INTERACTION BETWEEN WEED CONTROL AND FERTILIZATION OF VINEYARDS. (IT)
D Rui N Rizzotto
Giornate Fitopatol 543-549
26 Mar 1967 SB599.G5
Atrazine, Chemical control (weeds), Dichlobenil, Dichlorothiobenzamide, 2,6-, Diquat, Fertilizers, Grape vineyards, Paraquat, Tables (data), Weeds.

11025-69
POSSIBILITIES AND LIMITS OF AN OPTIMUM OR MAXIMUM NITROGEN FERTILIZATION. (GE)
E Saalbach
Bodenkultur 19(2):91-111 REF
May 1968 19 B635
Chloroethyl)trimethylammonium chloride, (2-, Dosage, Fertilizers, Nitrogen, Plant growth regulator, Plant nutrition. English summary.

11026-69
CHEMICAL CONTROL OF GROWTH AND FLOWERING OF WOODY ORNAMENTAL PLANTS IN THE LANDSCAPE AND NURSERY: TESTS WITH MALEIC HYDRAZIDE AND ALAR.
R M Sachs R G Maire
Amer Soc Horticult Sci Proc 91:728-734
1967 81 SO12

Callistemom, Climbing plants, Dosage, Humidity, Ligustrum, Malcic hydrazide, Nursery stock (horticulture), Pinus, Plant physiology, Succinic acid, 2,2-dimethylhydrazide, Testing.

11027-69
EFFECT OF HERBICIDES ON GROWTH OF ESTABLISHED MIDWAY AND SURECROP STRAWBERRY PLANTS GIVEN REPLANT TREATMENTS OF ACTIVATED CHARCOAL. (ABSTRACT).
O E Schubert
Weed Soc Amer Abstr 1967 MEETING:16
1967 241 W41
Activated carbon, Chemical control (weeds), Crop varieties, Greenhouse culture, Herbicides, Plant biochemistry, Plant physiology, Strawberries.

11028-69
THE EFFECT OF TRIFLURALIN ON NUCLEIC ACIDS AND PROTEIN OF CORN ROOTS. (ABSTRACT).
D P Schultz H H Funderburk
Weed Soc Amer Abstr 1967 MEETING:59
1967 241 W41
Corn, Herbicides, Nucleic acids, Plant biochemistry, Plant physiology, Proteins, Roots, Trifluralin.

11029-69
EFFECT OF TIME OF POSTEMERGENCE APPLICATIONS OF PYRAZON AND DALAPON ON SUGAR BEETS. (ABSTRACT).
E E Schweizer
Weed Soc Amer Abstr 1967 MEETING:10-11
1967 241 W41
Dalapon, Herbicides, Pesticide application, Plant growth inhibitors, Pyrazon, Sugar beets, Time.

11030-69
DEALKYLATION OF ATRAZINE IN HIGHER PLANTS AND ITS SIGNIFICANCE. (ABSTRACT).
R H Shimabukuro
Weed Soc Amer Abstr 1967 MEETING:62-63
1967 241 W41
Atrazine, Herbicides, Peas, Plant biochemistry, Plant metabolism, Plant physiology.

11031-69
STUDIES ON GROWTH AND MUTATION FREQUENCY IN RICE IN TREATMENTS WITH DIMETHYL SULPHOXIDE AND ETHYL METHANE SULPHONATE.
E A Siddiq R P Puri V P Singh
Cur Sci 37(24):686-688 REF
20 Dec 1968 475 SC123
Dimethylsulfoxide, Ethyl methanesulfonate, Plant mutation, Plant physiology, Rice.

11032-69
TOXICITY OF SURFACTANT-HERBICIDE COMBINATIONS TO LEMNA MINOR (L.). (ABSTRACT).
D L Sirois D W Staniforth
Weed Soc Amer Abstr 1967 MEETING:52-53
1967 241 W41
Chemical control (weeds), Herbicides, Lemna minor, Plant biochemistry, Surface-active agents.

11033-69
THE EFFECTS OF CIPC VAPORS ON THE CONTROL OF DODDER SEEDLINGS. (ABSTRACT).
C H Slater W R Furtick A P Appleby
Weed Soc Amer Abstr 1967 MEETING:55-56
1967 241 W41
Alfalfa, Chemical control (weeds), Chlorinated hydrocarbons, Chlorpropham, Cuscuta, Herbicides, Plant biochemistry, Vapors.

11034-69
METABOLISM OF AMITROLE-C14 IN EXCISED BEAN AND CANADA THISTLE LEAVES. (ABSTRACT).
L W Smith D E Bayer C L Foy
Weed Soc Amer Abstr 1967 MEETING:61-62
1967 241 W41
Amitrole, Beans, Carbon isotopes, Cirsium arvense, Herbicides, Leaves, Plant biochemistry, Plant metabolism, Radioactive tracers.

11035-69
VARIATIONS IN ACIDITY OF CELL CONSTITUANTS AS INFLUENCED BY APPLICATION OF HERBICIDES AND ORGANIC ACIDS. (ABSTRACT).
S L Solymosy
Weed Soc Amer Abstr 1967 MEETING:32
1967 241 W41
Acids, Alternanthera philoxeroides, Biological assay, Cells, Herbicides, Hydrogen-ion concentration, Organic compounds, Plant biochemistry.

11036-69
SIZE CONTROL OF NURSERY TREES WITH N-DIMETHYLAMINOSUCCINAMIC ACID.
E A Stahly M W Williams
Amer Soc Horticult Sci Proc 91:792-794
1967 81 SO12
Apples, Cherries, Dosage, Nurseries, Pears, Plant growth inhibitors, Plant physiology, Plant regulators, Plums, Succinic acid, 2,2-dimethylhydrazide, Trees.

11037-69
THE EFFECT OF ENVIRONMENT ON ROOT SUCKERING IN ROBINIA PSEUDOACACIA L. (ABSTRACT).
J P Sterrett W E Chappell
Weed Soc Amer Abstr 1967 MEETING:33-34
1967 241 W41
Environment, Greenhouse culture, Plant cuttings, Plant physiology, Robinia pseudoacacia, Roots.

11038-69
THE METABOLIC FATE OF PROPANIL. I. (ABSTRACT).
G G Still
Weed Soc Amer Abstr 1967 MEETING:63-64
1967 241 W41
Carbamates, Herbicides, Metabolites, Peas, Plant biochemistry, Plant metabolism, Plant physiology, Propanil, Rice, Roots, Urea compounds.

11039-69
THE METABOLIC FATE OF PROPANIL, II. (ABSTRACT).
G G Still R E Kadunce
Weed Soc Amer Abstr 1967 MEETING:63
1967 241 W41
Carbamates, Herbicides, Metabolites, Peas, Plant biochemistry, Plant metabolism, Plant physiology, Propanil, Rice, Roots, Urea compounds.

11040-69
SOME FACTORS AFFECTING DORMANCY AND THE INVESTIGATION OF ENDOGENOUS AUXINS AND INHIBITORS IN THE HARDSHELL BULBS OF WILD GARLIC. (ABSTRACT).
J F Stritzke E J Peters
Weed Soc Amer Abstr 1967 MEETING:34-35
1967 241 W41
Allium vineale, Bulbs, Plant dormancy, Plant extracts, Plant growth inhibitors, Plant hormones, Plant physiology, Weeds.

11041-69
DORMANCY AND ANATOMICAL DEVELOPMENT OF BULBS OF WILD GARLIC DURING THE SUMMER AND FALL AFTER FORMATION. (ABSTRACT).
J F Stritzke E J Peters
Weed Soc Amer Abstr 1967 MEETING:34
1967 241 W41
Allium vineale, Bulbs, Plant anatomy, Plant dormancy, Plant physiology, Weeds.

11042-69
MONURON DEGRADATION AND RECOVERY OF MONURON-INHIBITED PHOTOSYNTHETIC ACTIVITY. (ABSTRACT).
C R Swanson G G Still H R Swanson
Weed Soc Amer Abstr 1967 MEETING:60-61
1967 241 W41
Herbicides, Monuron, Photosynthesis, Plant biochemistry, Plant metabolism, Plant physiology, Radioactive tracers.

11043-69
STUDIES ON THE SELECTIVE ACTION OF TRIFLURALIN BETWEEN SOYBEANS AND SORGHUM. (ABSTRACT).
R E Talbert
Weed Soc Amer Abstr 1967 MEETING:50-51
1967 241 W41
Herbicides, Plant biochemistry, Plant translocation, Sorghum, Soybeans, Trifluralin.

11044-69
THE INFLUENCE OF SIMAZINE ON GROWTH AND NITROGEN METABOLISM OF CORN. (ABSTRACT).
J A Tweedy S K Ries
Weed Soc Amer Abstr 1967 MEETING:60
1967 241 W41
Corn, Herbicides, Nitrate reductase, Nitrogen, Plant biochemistry, Plant metabolism, Plant physiology, Simazine.

11045-69
EFFECTS OF HYDROPHILIC-LIPOPHILIC BALANCE (HBL) OF NONIONIC SURFACTANTS ON PHYTOTOXICITY OF LINURON AND PROMETRYNE TO CARROTS. (ABSTRACT).
S N Umoessien F M Ashton C L Foy
Weed Soc Amer Abstr 1967 MEETING:15
1967 241 W41
Absorption, Carrots, Fats, Ions, Linuron, Plant biochemistry, Plant injuries, Prometryne, Surface-active agents, Water.

11046-69
THE RELATIONSHIP OF SOIL PROPERTIES TO THE PHYTOTOXICITY OF AN ACETANILIDE HERBICIDE. (ABSTRACT).
R P Upchurch D D Baird
Weed Soc Amer Abstr 1967 MEETING:70-71
1967 241 W41
Acetanilide compounds, Chemical control (weeds), Herbicides, Soil properties.

11047-69
TRANSLOCATION AND PERSISTENCE OF DICAMBA AND PICLORAM IN CANADA THISTLE. (ABSTRACT).
W H Vanden Born F Y Chang
Weed Soc Amer Abstr 1967 MEETING:40-41
1967 241 W41
Absorption, Cirsium arvense, Dicamba, Herbicides, Picloram, Plant biochemistry, Plant physiology, Plant translocation.

11048-69
BIOLOGICAL STUDIES OF BARNYARDGRASS. (ABSTRACT).
J Vengris
Weed Soc Amer Abstr 1967 MEETING:37
1967 241 W41
Biology, Chemical control (weeds), Crop yields, Echinochloa crusgalli, Plant biochemistry, Plant cuttings, Plant physiology, Seed germination.

11049-69
ROOT TEMPERATURE AND TRANSPIRATION INFLUENCES ON ATRAZINE ABSORPTION AND TRANSLOCATION. (ABSTRACT).
H J Vostral K P Buchholz
Weed Soc Amer Abstr 1967 MEETING:39
1967 241 W41
Absorption, Atrazine, Plant biochemistry, Plant physiology, Plant translocation, Plant transpiration, Radioactive tracers, Roots, Soybeans, Temperature.

11050-69
THE EFFECT OF SOME GROWTH PROMOTING SUBSTANCES ON THE ROOT SYSTEM OF SUMMER BARLEY. (CZ)
V Vymetal K Rimovsky O Chloupek
Brno Acta Univ Agr Fac Agron 15(3):541-545
1967 S13.B7

Barley, Chlorocthyl)trimethylammonium chloride, (2-, Gibberellic acid, Indoleacctic acid, Plant regulators, Roots. English, German and Russian summarics.

11051-69
SOIL MOISTURE ON COMPETITIVE ABILITY OF WEEDS. (ABSTRACT).
A F Wiese
Weed Soc Amer Abstr 1967 MEETING:38
1967 241 W41
Corn, Grecnhouse culture, Plant ecology, Plant physiology, Plant water rclations, Soil moisture, Sorghum, Wecds.

11052-69
PHYSIOLOGICAL INVESTIGATIONS ON SPRING PARSLEY. (ABSTRACT).
M C Williams W Binns
Weed Soc Amer Abstr 1967 MEETING:33
1967 241 W41
Carrots, Chicks, Parsley, Parsnips, Photosensitization, Plant physiology, Toxicology.

11053-69
THE EFFECT OF THE HERBICIDE BUREX ON THE TOTAL NITROGEN CONTENT AND ON THE TECHNOLOGICAL QUALITY OF SUGAR BEET. (CZ
P Winternitz J Synak P Rapos
Agrochemia 7(7):193-195
1967 385 AG88
Hcrbieides, Phenyl-4-amino-5-chlorophyridazone-6, 1-, Plant physiology, Roots, Sugar beets. English, German and Russian summaries.

11054-69
EFFECTS OF DECENYLSUCCINIC ACID AND SUBFREEZING CONDITIONS ON GERMINATION OF CITRUS SEED.
G Yclenosky
Amer Soc Horticult Sci Proc 91:169-172
1967 81 SO12
Citrus, Cold, Crop varieties, Decenylsuccinic acid, Humidity, Plant physiology, Seed germination, Secd trcatment, Temperature.

11055-69
EFFECT OF QUINONES ON CHLORELLA PYRENOIDOSA. (ABSTRACT).
G Zweig J Hitt D H Cho R McMahon
Weed Soc Amer Abstr 1967 MEETING:55
1967 241 W41
Cells, Chlorella, Chlorophylls, Culturc media, Oxygen, Plant biochemistry, Plant physiology, Quinoncs.

CHEMISTRY

11056-69
ANALYSIS OF COMMERCIAL PESTICIDES.
Dublin Foras Taluntais Plant Sci Crop Husb 15
1967 103 D852
Chcmical analysis, Density, Hydrogcn-ion concentration, Pesticides, Solvcnts, Tcsting.

11057-69
PYRETHRINS AND PYRETHRUM INSECTICIDES: THE APPLICATION AND CHEMISTRY OF PYRETHRIN INSECTICIDES.
I Boleszny
(SER 4)(95):296P REF
Nov 1967 Z5858.E2B6
Bibliography, Chemistry, Insecticide application, Insecticides, Pyrcthrum.

11058-69
SPERMIDINE-RNA COMPLEXES IN COWPEA MOSAIC VIRUS (CPMV). (ABSTRACT).
G Bruening M M El Manna G J Wu
Fed Amer Soc Exp Biol Fed Proc 27(2):794
Mar 1968 442.9 F31P
Aminopropyl)-1,4-butanediamine, N-(3-, Chromatography, Cowpeas, Elcctrophoresis, Mosaic, Proteins, Ribonucleic acid, Virus diseases (plants).

11059-69
METHOD OF CONTROLLING PESTS WITH MERCURY COMPOUNDS. PATENT 3,443,013.
S R Buc F E Woodward
Us Patent Office Offic Gaz 862(1):256
06 May 1969 156.65 OF2
Chemical control (pests), Mcrcury compounds, Patents, Pesticidcs.

11060-69
SORPTION OF DIURON AND PROPANIL TO PROTEINS. (ABSTRACT).
N D Camper D E Moreland
Weed Soc Amer Abstr 1967 MEETING:66-67
1967 241 W41
Carbamates, Diuron, Herbicides, Plant biochemistry, Propanil, Proteins, Sorption, Temperature, Urea compounds.

11061-69
ARYLIMINO CHLOROCARBONYL CYANIDES AND PREPARATION THEREOF. PATENT 3,441,592.
E Degener H Holtschmidt
Us Patent Office Offic Gaz 861(5):1574
29 Apr 1969 156.65 OF2
Carbonyl compounds, Chemicals, Insecticides, Patents.

11062-69
PROCESS FOR THE PREPARATION OF IMINO-DITHIOLANES. PATENT 3,442,907.
A Donche C Thibault
Us Patent Office Offic Gaz 861(1):239
06 May 1969 156.65 OF2
Imino-dithiolane, Nematocides, Patents.

11063-69
CONTROL OF THE REDISTRIBUTION CAPACITY OF COPPER PREPARATIONS. (IT)
S Foschi
Giornate Fitopatol 291-294
26 Mar 1967 SB599.G5
Bordeaux mixture, Copper, Copper oxychloride, Fungicides, Hydroxides.

11064-69
COMPARISON OF BINDING AND INHIBITORY PROPERTIES OF PIERICIDIN A AND ROTENONE IN SUBMITOCHONDRIAL PARTICLES. (ABSTRACT).
D J Horgan J E Casida T P Singer
Fed Amer Soc Exp Biol Fed Proc
Mar 1968 442.9 F31P
Biochemistry, Mitochondria, Piericidin A, Proteins, Rotenone.

11065-69
MECHANISMS OF BREAKDOWN OF AMITROLE IN SOILS: PHOTOLYTIC AND FREE RADICAL REACTIONS. (ABSTRACT).
P C Kearney J R Plimmer
Weed Soc Amer Abstr 1967 MEETING:76-77
1967 241 W41
Amino compounds, Amitrole, Dccomposition, Photochemistry, Soil chemistry.

11066-69
COMPOSITION AND METHODS FOR RENDERING ABSORBENT MATERIALS FUNGICIDAL COMPRISING AN AQUEOUS SOLUTION OF BORAX/AND THE BIS(TRI-N-PROPYLTIN) DIAMMONIUM CHLORIDE OF A TRI-POLYOXYETHYLATED N-ALKYL TRIMETHYLENE DIAMINE. PATENT 3,443,010.
M E Lombardo
Us Patent Office Offic Gaz 862(1):256
06 May 1969 156.65 OF2
Ammonium, Borax, Fungicides, Patents, Wood.

11067-69
THE DISAPPEARANCE OF ATRAZINE WHEN IN CONTACT WITH POLYVINYL CHLORIDE TUBING. (ABSTRACT).
W H Minshall
Weed Soc Amer Abstr 1967 MEETING:67
1967 241 W41
Atrazine, Chemical reactions, Chemistry, Herbicides, Polyvinyl chloridc, Tomatoes.

11068-69
NOVEL 7-OXO-7-DESACETYLAMINO-COLCHICINE COMPOUNDS. PATENT 3,442,953.
G Muller A Poittevin
Us Patent Office Offic Gaz 862(1):246
06 May 1969 156.65 OF2
Cell division, Colchicine, Patents.

11069-69
PROCESS FOR PREPARING S-(2-CHLOROETHYL)THIOCARBAMATES FROM S-(2-CHLOROETHYL)ISOTHIOCARBAMYL CHLORIDES. PATENT 3,441,590.
G F Ottmann H Hooks
Us Patent Office Offic Gaz 861(5):1574
29 Apr 1969 156.65 OF2
Carbamates, Chemicals, Patents.

11070-69
A CONTRIBUTION TO THE KNOWLEDGE OF THE CHARACTERISTICS OF BARIUM POLYSULFIDE. (IT)
M Pasquali
Giornate Fitopatol 361-364
26 Mar 1967 SB599.G5
Barium polysulfide, Degradation, Pesticides, Toxicity.

11071-69
PHOTOLYSIS OF AMIBEN. (ABSTRACT).
J R Plimmer
Weed Soc Amer Abstr 1967 MEETING:69
1967 241 W41
Amiben, Chemical reactions, Chromatography, Light, Lysis, Photochemistry.

11072-69
SOME PRINCIPLES OF THE SELECTION OF THE SYNERGISTS FOR ORGANOPHOSPHOROUS PESTICIDES. (CZ)
P V Popov S V Roslavceva
Agrochemia 7(7):195-196
1967 385 AG88
Chemical control (insects), Cholinesterases, Esterases, Insect biochemistry, Organophosphorus compounds, Pesticides, Synergists. English, German and Russian summaries.

11073-69
THE DISTRIBUTION OF TERBACIL, DUPONT HERBICIDE 733 AND AMIZINE IN TWO ORCHARD SOILS, UNDER TWO PRECIPITATION LEVELS. (ABSTRACT).
H C Price V J Fisher
Weed Soc Amer Abstr 1967 MEETING:71-72
1967 241 W41
Amitrole, Butyl-5-bromo-6-methyluracil, 3-tert-, Chemistry, Rainfall, Simazine, Soil adsorption, Soil properties, Terbacil.

11074-69
SULFITE NEMATOCIDES. PATENT 3,428,734.
H von Schmeling R A Covey
Us Patent Office Offic Gaz 859(3):938
18 Feb 1969 156.65 OF2
Chemical control (nematodes), Chemistry, Nematocides, Patents, Sulfites.

11075-69
O-ALKYL S-(SUBSTITUTED BENZYL) BENZENE THIOPHOSPHONATES FOR CONTROLLING FUNGI. PATENT 3,443,011.
N Shindo M Mori M Hayakawa K Ueda
Us Patent Office Offic Gaz 862(1):256
06 May 1969 156.65 OF2
Blast, Chemical control (plant diseases), Fungi, Fungicides, Organophosphorus compounds, Patents, Rice.

11076-69
NEMATOCIDAL METHODS EMPLOYING 2-PERFLUOROALKLBENZIMIDAZOLES. PATENT 3,443,015.
Q F Soper
Us Patent Office Offic Gaz 862 (1):256

06 May 1969 156.65 OF2
Benzimidazoles, Nematocides, Patents, Soil fumigation.

11077-69
ANTIBACTERIAL MIXTURE OF O-CARBAMYL-D-SERINE AND D-4-AMINO-3-ISOOXAZOLIDONE.
H Umezawa N Tanaka
Us Patent Office Offic Gaz 859(3):937
18 Feb 1969 156.65 OF2
Bactericides, Chemistry, Patents.

11078-69
MOLECULAR STRUCTURE AND PH EFFECTS ON THE ADSORPTION OF I3 S-TRIAZINE COMPOUNDS ON MONTMORILLONITE CLAY. (ABSTRACT).
J B Weber
Weed Soc Amer Abstr 1967 MEETING:71
1967 241 W41
Chemistry, Clay minerals, Hydrogen-ion concentration, Molecules, Montmorillonite, Soil adsorption.

11079-69
CONTROL OF PATHOGENIC ORGANISMS WITH HALOGENATED PHENOXYCYCLOPENTENONES. PATENT 3,443,016.
E D Weil J Linder
Us Patent Office Offic Gaz 862(1):257
06 May 1969 156.65 OF2
Chemical control (plant diseases), Halogen compounds, Microorganisms, Patents, Pesticides, Phenoxy acid compounds.

11080-69
PROCESS FOR THE PURIFICATION OF CRUDE 2,5-DICHLORO-3-NITROBENZOIC ACID (DINOBEN). PATENT 3,441,603.
E Welch
Us Patent Office Offic Gaz 861(5):1576
29 Apr 1969 156.65 OF2
Chemistry, Dinoben, Patents, Purification.

11081-69
LIPIDS OF FOWLPOX VIRUS AND THE HOST CELL. (ABSTRACT).
H B White S S Powell L G Gafford C C Randall
Fed Amer Soc Exp Biol Fed Proc 27(2):616
Mar 1968 442.9 F31P
Biochemistry, Cells, Chicks, Chromatography, Cytology, Fatty acids, Fowlpox virus, Lipids, Scalp.

11082-69
AMMONIA COMPLEX OF THE ZINC SALT OF ETHYLENE BIS-DITHIOCARBAMIC ACID. PATENT 3,441,581.
H Windel E Pommer
Us Patent Office Offic Gaz 861(5):1573
29 Apr 1969 156.65 OF2
Ammonia, Carbamic acid, Fungicides, Patents, Zinc.

11083-69
METHODS OF DESTROYING WEEDS WITH SUBSTITUTED TETRALINS. PATENT 3,442,640.
T F Wood N E Achuff
Us Patent Office Offic Gaz 861(1):190-191
06 May 1969 156.65 OF2
Chemical control (weeds), Herbicides, Patents, Tetrahydronaphthalene.

ENGINEERING

11084-69
SOIL SUB-SURFACE APPLICATIONS OF SELECTIVE THIOCARBAMATE HERBICIDES. (ABSTRACT).
J Antognini
Weed Soc Amer Abstr 1967 MEETING:94
1967 241 W41
Agricultural engineering, Chemical control (weeds), Equipment, Herbicides, Pesticide application, Soil sanitation, Thiocarbamates.

11085-69
THE SPRAY DEPOSIT PATTERNS OF SEVERAL TYPES OF NOZZLES USED FOR LOW VOLUME APPLICATION. (ABSTRACT).
C E Bode M R Gebhardt C L Day
Weed Soc Amer Abstr 1967 MEETING:97-98
1967 241 W41
Agricultural engineering, Chemical control (weeds), Equipment, Nozzles, Particle size determination, Pesticide application, Spraying.

11086-69
A GRANULAR HERBICIDE SPREADER FOR GRADIENT OR CONSTANT RATE USE. (ABSTRACT).
G J Burkhardt J O Riggleman
Weed Soc Amer Abstr 1967 MEETING:96-97
1967 241 W41
Agricultural engineering, Chemical control (weeds), Dairy equipment, Herbicides, Pesticide application, Spraying.

11087-69
INEXPENSIVE MODIFICATIONS OF THE LOG SPRAYER FOR SMALL PLOT FIELD EVALUATION OF PESTICIDES. (ABSTRACT).
F A Darling J V Gramlich W L Wright
Weed Soc Amer Abstr 1967 MEETING:95-96
1967 241 W41
Agricultural engineering, Pesticide application, Spraying equipment.

11088-69
SPRAY DROPLET SIZES OBTAINED FROM SEVERAL TYPES OF NOZZLES USED FOR LOW VOLUME APPLICATION. (ABSTRACT).
M R Gebhardt L E Bode C L Day
Weed Soc Amer Abstr 1967 MEETING:97
1967 241 W41
Agricultural engineering, Chemical control (weeds), Equipment, Herbicides, Nozzles, Particle size determination, Pesticide application, Spraying.

11089-69
EFFECT OF TOOTH-SHAPE, ROTOR SPEED, FORWARD SPEED, AND DEPTH ON PERFORMANCE OF INCORPORATED HERBICIDES. (ABSTRACT).
L S Jordan B E Day J M Lyons W H Om
Weed Soc Amer Abstr 1967 MEETING:93
1967 241 W41
Agricultural engineering, Chemical control (weeds), Equipment, Herbicides, Irrigation, Pesticide application, Soil sanitation.

11090-69
CHARACTERISTICS OF THICKENED SPRAYS FROM FIXED WING AIRCRAFT. (ABSTRACT).
S K Lehman R H Haas L F Bouse
Weed Soc Amer Abstr 1967 MEETING:98-99
1967 241 W41
Aerial spraying, Agricultural engineering, Aircraft, Chemical control (weeds), Equipment, Herbicides.

11091-69
CONSTRUCTION AND OPERATION OF THE ELECTRIC RAT FENCE.
F V Ramos
Int Rice Res Inst Tech Pap (3):4P
Jun 1967 SB191.R515
Accident prevention, Electricity, Equipment, Pest control, Rodents.

11092-69
THE DISTRIBUTION OF TRIFLURALIN IN THE SOIL WHEN INCORPORATED WITH THE DISK HARROW AND POWER ROTARY CULTIVATOR. (ABSTRACT).
K Read M R Gebhardt C L Day
Weed Soc Amer Abstr 1967 MEETING:93-94
1967 241 W41
Agricultural engineering, Chemical control (weeds), Diffusion, Equipment, Harrows, Herbicides, Pesticide application, Soil adsorption, Soil sanitation, Trifluralin.

11093-69
WILL THE GROUND EFFECT MACHINE WORK IN HERBICIDE APPLICATION (ABSTRACT).
A W Stretch
Weed Soc Amer Abstr 1967 MEETING:95
1967 241 W41
Agricultural engineering, Equipment, Herbicides, Pesticide application, Soil sanitation, Soils.

INDUSTRY

EDUCATION

11094-69
HERBICIDE COMBINATIONS. (ABSTRACT).
E L Knake
Weed Soc Amer Abstr 1967 MEETING:83
1967 241 W41
Agricultural education, Chemical control (weeds), Chemical reactions, Chlorinated hydrocarbons, Chloro-N,N-diallylacetamide, 2-, Chlorpropham, D, 2,4-, Ethyl N,N-dipropylthiocarbamate, Formulations, Herbicides, Naphthylphthalamic acid, N-1-, Pesticide application, Phenoxy acid compounds, Thiocarbamates.

11095-69
HERBICIDE COMBINATIONS. (ABSTRACT).
H C Olson
Weed Soc Amer Abstr 1967 MEETING:84
1967 241 W41
Agricultural education, Chemical control (weeds), Chemical reactions, Formulations, Herbicides, Pesticide application, Spraying.

REGULATIONS

11096-69
NEBRASKA'S FIRST YEAR OF IMPLEMENTING THE NATIONALLY RECOMMENDED MODEL WEED LAW. (ABSTRACT).
E Carlson
Weed Soc Amer Abstr 1967 MEETING:80
1967 241 W41
Agricultural legislation, Agricultural regulation, Weed control.

11097-69
LEGISLATING CUSTOM SPRAYING. (ABSTRACT).
J C Hogancamp
Weed Soc Amer Abstr 1967 MEETING:80-81
1967 241 W41
Agricultural legislation, Agricultural regulation, Chemical control (weeds), Herbicides, Pesticide application, Spraying.

11098-69
THE PEST CONTROL OFFICER, PAST AND PRESENT. (GE)
H Kliewe W Hoos
Prakt Schadlingsbekampfer 20(8):109-113
Aug 1968 421 P882
Education, History, Legislation, Pest control. To be continued.

11099-69
REGULATIONS BY THE MILE - THE RAILROAD CONTRACT APPLICATOR'S DILEMMA. (ABSTRACT).
J E Vawter
Weed Soc Amer Abstr 1967 MEETING:81-82
1967 241 W41
Agricultural legislation, Agricultural regulation, Chemical control (weeds), Herbicides, Pesticide application, Railroads, Spraying.

ABNORMALITIES
Gum-pocket, a new virus-like disease of Poncirus trifoliata.
10700

ABORTION
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10847

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10857

ABSORPTION
Influence of adjuvants on the phytoxicity and foliar absorption of pyrazon. (Abstract).
10817

Absorption and translocation of 2,4-D-2-C14 by wolftail (Carex cherokeensis Schwein). (Abstract).
10965

Effect of moisture stress on the absorption and transport of herbicides in woody plants. (Abstract).
10974

Absorption, translocation and accumulation of labeled N-dimethylaminosuccinamic acid in apple tissues.
10980

Some effects of environment and species on absorption and metabolism of amiben in plants. (Abstract).
10992

Absorption, translocation, and metabolism of CIPC in plants. (Abstract).
10993

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Comparison of radioisotopic and gas chromatographic methods for measuring absorption and translocation of 2,4,5-T by mesquite. (Abstract).
11015

Site of uptake of pre-emergence herbicides. (Abstract).
11020

Uptake and tolerance of lithium chloride by tung trees.
11022

Effects of hydrophilic-lipophilic balance (HBL) of nonionic surfactants on phytotoxicity of linuron and prometryne to carrots. (Abstract).
11045

Translocation and persistence of dicamba and picloram in Canada thistle. (Abstract).
11047

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ACANTHOSCELIDES OBTECTUS
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Some problems regarding the protection of apples against some species of Acaridae.
10739

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10491

ACCIDENT PREVENTION
The use of chloropicrin for soil disinfection.
10592

Control of small-fruit pests and diseases 1967.
10719

Chrysanthemum leaf miner.
10733

Spurrey.
10800

1969 suggested insecticide guide. Insect control for livestock and livestock barns.
10909

Construction and operation of the electric rat fence.
11091

ACETANILIDE COMPOUNDS
The relationship of soil properties to the phytotoxicity of an acetanilide herbicide. (Abstract).
11046

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10601

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11035

ACORNS
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10983

ACRIDIDAE
Report of the Anti-locust Research Centre 1965.
10552

Report of the Anti-locust Research Centre for 1966.
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10545

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10792

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Quelea control and research unit.
10880

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11090

AERIAL WEED CONTROL
Research report; response of tropical and subtropical woody plants to chemical treatments.
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10860

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10888

Microbiological decontamination of aflatoxin-contaminated edibles. Patent 3,428,458.
10920

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11096

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11097

Regulations by the mile - the railroad contract applicator's dilemma. (Abstract).
11099

AGRICULTURAL RESEARCH
Research activities 1958-1961.
10588

AGRICULTURAL STATISTICS
Rubber Research Institute of Malaya. Annual report 1966.
10607

AGRONOMY
Plant breeding.
10603

Annual report of the Indian Institute of Sugarcane Research, Lucknow, 1964-65. (Mycology, by K. Singh; Research project on investigation and control of virus diseases of sugarcane, by K. Singh; Entomology, by A. N. Kalra).
10609

AGROPYRON REPENS
Host specificity of isolates of Cercosporella herpotrichoides.
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Response of crabgrass seedlings to various herbicides. (Abstract).
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10885

ALFALFA
1967 Kansas insect control recommendations; livestock, major field crops.
10729

Paraquat reduces barley grass in lucerne pasture.
10786

Effect of density and control of Canada thistle on production and utilization of alfalfa pasture. (Abstract).
10812

Effects of phosphorus fertilizer, herbicides and seed-bed preparation on the establishment of alfalfa and birdsfoot trefoil. (Abstract).
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Some effects of environment and species on absorption and metabolism of amiben in plants. (Abstract).
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Photolysis of amiben. (Abstract).
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AMIDES
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AMINES
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10713

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Rubber Research Institute of Malaya. Annual report 1966.
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Annual report of the Indian Institute of Sugarcane Research, Lucknow, 1964-65. (Mycology, by K. Singh; Research project on investigation and control of virus diseases of sugarcane, by K. Singh; Entomology, by A. N. Kalra).
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